



ROCKWELL INTERNATIONAL
NORTH AMERICAN SPACE OPERATIONS
ROCKY FLATS PLANT

Remedial Investigation Report for High Priority Sites

(881 Hillside Area)

Volume X

U.S. DEPARTMENT OF ENERGY
Rocky Flats Plant
Golden, Colorado

1 MARCH 1988

ADMIN RECORD

REVIEWED FOR CLASSIFICATION BY
By J. L. Phillips DPD
Date 7/30/91

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"REVIEWED FOR CLASSIFICATION
By R. B. Hoffman
Date 2-8-90

"REVIEWED FOR CLASSIFICATION
By L. D. Johnson
Date 6/14/90

"REVIEWED FOR CLASSIFICATION
By A. J. Deacon
Date 7/2/91

Appendix H

APPENDIX H

BIOTA

**SOURCE: "USDOE FINAL ENVIRONMENTAL IMPACT STATEMENT,
ROCKY FLATS PLANT," DOE-EIS-0064; APRIL 1980.**

LIST OF FLORA AND FAUNA AT ROCKY FLATS

Numerous species of animal and plant life have been identified in the Rocky Flats area. None are classified as rare or endangered.

Rocky Flats floras have been identified (Table A-1) through an on-site inventory by Dr. W. A. Weber, et al., (Weber, 1974), from the University of Colorado. The inventory revealed 327 species of vascular plants, 25 lichens, 16 bryophytes, and one macroscopic green algae.

The species listed in Table A-1 are documented by specimens on permanent file in the University of Colorado Museum herbarium. A second set, complete except for species that were in extremely short supply, was deposited with the management of the Rocky Flats Plant. Duplicate collections of the bryophytes and lichens were not prepared for on-site documentation, however, these specimens are on permanent file in the University of Colorado Museum herbarium.

Table A-1 is divided into four sections: vascular plants, bryophytes, lichens, and macroscopic green algae. The list within each section is arranged alphabetically by species, with the family indicated secondarily. In addition, square brackets are used to identify some species reported by Dr. Whicker of CSU, (Whicker, 1973) but which Weber did not find in his inventory.

Abbreviations used in Table A-1 are as follows:

ADV-Adventive	BIEN-Biennial	PER-Perennial
AN-Annual	IND-Indigenous	

Shown in Tables A-2 and A-3 is a listing of fauna at Rocky Flats, which was generated from observations of CSU researchers (Whicker, 1974), and those of a Rocky Flats' biologist (Zillich, 1974). Fish known to occur at Rocky Flats were identified by Zillich (1974) and are listed in Table A-4. Other species of aquatic life within the Plant site were identified by Johnson, et al., (1974), and are also listed in Table A-4.

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- Whicker, F. W. Radiology of Some Natural Organisms and Systems in Colorado. Eleventh Technical Progress Report. Colorado State University, Fort Collins, Colorado. Prepared for the U. S. Atomic Energy Commission under Contract No. AT(11-1)-1156. 1973.
- Whicker, F. W. Radiology of Some Natural Organisms and Systems in Colorado. Twelfth technical Progress Report. Colorado State University, Fort Collins, Colorado. Prepared for the U. S. Atomic Energy Commission under Contract No. AT(11-1)-1156. 1974.
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TABLE A-1

PLANTS KNOWN TO OCCUR AT THE ROCKY FLATS SITE

Vascular Plants (327 Species)

ACHILLEA LANULOSA Nutt. "Yarrow" (Compositae). IND PER
 AGoseris GLAUCA (Pursh) Raf. "False Dandelion" (Compositae). IND PER
 AGRIMONIA STRIATA Michx. "Agrimony" (Rosaceae). IND PER
 AGROPYRON DESERTORUM (Fisch.) Schult. "Crested Wheatgrass" (Gramineae). ADV PER
 AGROPYRON REPENS (L.) P.Beauv. "Quack-Grass" (Gramineae). ADV PER
 AGROPYRON SMITHII Rydberg. "Western Wheat-grass" (Gramineae). IND PER
 AGROPYRON TRACHYCALUM (Link) Malte. "Slender Wheat-grass" (Gramineae). IND PER
 AGROSTIS GIGANTEA Roth (A.alba of American treatments). "Red-top" (Gramineae). ADV PER
 ALISMA PLANTAGO-AQUATICA L. ssp. BREVIPES (Greene) Samuelsson. "Water-plantain" (Alismaceae). IND
 PER ALLIUM CERNUUM Roth. "Nodding Onion" (Liliaceae). IND PER
 ALLIUM TEXTILE Nels. and Macbr. "Plains Wild Onion" (Liliaceae). IND PER
 ALYSSUM ALYSSOIDES L. "Sweet Alyssum" (Cruciferae). ADV
 ALYSSUM MINUS (L.) Rothmaler. "Alyssum" (Cruciferae). ADV
 AMBROSIA ARTEMISIIFOLIA L. "Roman wormwood" (Compositae). ADV AN
 AMBROSIA PSILOSTACHYA DC. "Western wormwood" (Compositae). IND PER
 AMBROSIA TRIFIDA L. "Giant Ragweed" (Compositae). ADV AN
 AMELANCHIER ALNIPOLIA Nutt. "Shadbush" or "Serviceberry" (Rosaceae). IND
 AMORpha FRUTICOSA L. var. OCCIDENTALIS (Abrams) Kearney and Peebles. "Lead-plant" (Leguminosae). IND
 [Amorpha nana.] In the absence of a voucher, we suspect that this is a misidentification of
Amorpha fruticosa.
 ANDROPOGON GERARDII Vitt. "Big Bluestem" (Gramineae). IND PER
 [Andropogon hallii.] We suspect this report to be a misidentification of A.gerardii. A.hallii has
 not yet been found in the Boulder area and is typical of sand dune areas to the east.
 ANDROSACE OCCIDENTALIS Pursh. "Western rock-primrose" (Primulaceae). IND AN
 ANEMONE CYLINDRICA Gray. "Thimbleweed" (Ranunculaceae). IND PER
 ANEMONE PARVIFOLIA Nutt. "Pussytoes" (Compositae). IND PER
 ARABIS FENDLERI (Wats.) Greene. "Rock Cress" (Cruciferae). IND PER
 ARABIS GLabra (L.) Bernh. "Tower Mustard" (Cruciferae). ADV BIEN
 ARABIS HIRSUTA (L.) Scop. "Hairy Rock-cress" (Cruciferae). IND
 ARENARIA FENDLERI Gray. "Sandwort" (Caryophyllaceae). IND PER
 ARGEMONE POLYANTHemos (Fedde) G.B. Ownbey. "Prickly Poppy" (Papaveraceae). IND BIEN
 ARISTIDA BASIRAMEA Engelm. "Harvard Three-awn" (Gramineae). IND AN
 ARISTIDA LONGISETA Steud. "Red Three-awn" (Gramineae). IND PER
 ARNICA FULGENS Pursh. "Orange Arnica" (Compositae). IND PER
 ARTEMISIA CAMPESTRIS L. "Field Wormwood" (Compositae). IND PER
 ARTEMISIA DRACUNCULUS L. "Linear-leaved Wormwood" (Compositae). IND PER

TABLE A-1 (continued)

ARTEMISIA DRACUNCULUS L. "Linear-leaved Wormwood" (Compositae). IND PER
 ARTEMISIA FRIGIDA Willd. "Pasture Sagebrush" (Compositae). IND PER
 ARTEMISIA LUDOVICIANA Nutt. ssp. LUDOVICIANA
 ASCLEPIAS SPECIOSA Torr. "Showy Milkweed" (Asclepiadaceae). IND PER
[Asclepias stenophylla.] We undoubtedly overlooked this species, which occurs very sporadically and never occurs in large numbers.
 ASCLEPIAS VIRIDIFLORA Raf. "Green Milkweed" (Asclepiadaceae). IND PER
 ASPARAGUS OFFICINALIS L. "Asparagus" (Liliaceae). ADV PER
[Aster commutatus crassulus.] = Aster falcatus Lindley. Very late-flowering species which we may well have missed. However, there is also the possibility of a misidentification of Aster porteri.
[Aster ericoides.] See note under A.commutatus. Both species should occur in the area.
 ASTER PORTERI Gray. "White Aster" (Compositae). IND PER
 ASTRAGALUS ADSURGENS Pall. var. ROBUSTIOR Hook. "Milk Vetch" (Leguminosae). IND PER
 ASTRAGALUS BISULCATUS (Hook.) Gray. "Two-grooved Milk Vetch" (Leguminosae). IND PER
 ASTRAGALUS CRASSICARPUS Nutt. "Ground-plum" (Leguminosae). IND PER
 ASTRAGALUS DASYGLOTTIS Fisch. ex DC. "Milk Vetch" (Leguminosae). IND PER
 ASTRAGALUS DRUMMONDII Dougl. ex Hook. "Milk Vetch" (Leguminosae). IND PER
 ASTRAGALUS FLEXUOSUS (Dougl.) Don. "Milk Vetch" (Leguminosae). IND PER
 ASTRAGALUS SHORTIANUS Gray. "Milk Vetch" (Leguminosae). IND PER
 BARBAREA ORTHOCERAS Ledeb. "Winter Cress" (Cruciferae). IND PER
 BIDENS CERNUS L. "Nodding Bur-marigold" (Compositae). IND AN
 BOUTELLOUA GRACILIS (H.B.K.) Lag. "Blue Grama" (Gramineae). IND PER
 BOUTELLOUA CURTIPENDULA (Michx.) Torr. "Side-oats Grama" (Gramineae). IND PER
 BROMUS BRIZAEFORMIS F. and M. "Rattlesnake Grass" (Gramineae). ADV AN
 BROMUS INERMIS Leyss. "Smooth Brome" (Gramineae). ADV PER
 BROMUS JAPONICUS Thunb. "Japanese Brome" (Gramineae). ADV AN
 BROMUS TECTORUM L. "Cheat-grass" (Gramineae). ADV AN
 BUC-LOE DACTYLOIDES (Nutt.) Engelm. "Buffalo Grass" (Gramineae). IND PER
 CALLITRICHES PALUSTRIS L. "Water Starwort" (Callitrichaceae). IND AN
 CALOCHORTUS GUNNISONII Wats. "Mariposa or Sego Lily" (Liliaceae). IND PER
 CALYLOPHUS SERRULATA (Nutt.) Raven. "Bushy Evening-Primrose" (Onagraceae). IND PER
 CALYSTEGIA SEPIUM (L.) R.Br. ssp. AMERICANUM (Sims) Brummitt. "Hedge Bindweed" (Convolvulaceae). IND PER
 CAMELLINA MICROCARPA Andr. "False Flax" (Cruciferae). ADV AN
 CAMPANULA ROTUNDIFOLIA L. "Common Harebell" (Campanulaceae). IND PER
 CARDARIA DRABA (L.) Desv. "Whiteweeds" (Cruciferae). ADV PER
 CARDUUS NUTANS L. ssp. MACROLEPIS (Peterm.) Kazmi. "Nodding Thistle" (Compositae). ADV BIEN
 CAREX ATHROSTACHYA Olney. "Sedge" (Cyperaceae). IND PER
 CAREX AUREA Nutt. "Sedge" (Cyperaceae). IND PER
 CAREX BREVIOR (Dewey) Mack. "Sedge" (Cyperaceae). IND PER

TABLE A-1 (continued)

CAREX DOUGLASII Boott in Hook. "Sedge" (Cyperaceae). IND PER
 [Carex filifolia.] We suspect that this report refers to Carex oreocharis.
 CAREX HELIOPHILA Mack. "Sedge" (Cyperaceae). IND PER
 CAREX HYSTRICINA Muehl. "Bottle-brush Sedge" (Cyperaceae). IND(?)PER
 CAREX INTERIOR L.H. Bailey. "Sedge" (Cyperaceae). IND PER
 CAREX LANUGINOSA Michx. "Sedge" (Cyperaceae). IND PER
 CAREX NEBRASKENSIS Dewey. "Sedge" (Cyperaceae). IND PER
 CAREX OREOCHARIS Holm. "Sedge" (Cyperaceae). IND PER
 CAREX PRAEGRACILIS Boott. "Sedge" (Cyperaceae). IND PER
 CAREX SCOPARIA Schkuhr. "Sedge" (Cyperaceae). IND PER
 CAREX SIMULATA Mack. "Sedge" (Cyperaceae). IND PER
 CAREX STENOPHYLLA Wahlenb. ssp. ELEOCHARIS (L.H. Bailey) Hulten. "Sedge" (Cyperaceae). IND PER
 CAREX STIPATA Muehl. "Sedge" (Cyperaceae). IND PER
 CAREX UTRICULATA Boott. "Sedge" (Cyperaceae). IND PER
 CASTILLEJA INTEGRA Gray. "Orange Paintbrush" (Scrophulariaceae). IND PER
 CASTILLEJA SESSILIFLORA Pursh. "Plains Paintbrush" (Scrophulariaceae). IND PER
 CENCHRUS LONGISPINUS (Hack. in Kneuck.) Fern. "Sand Bur" (Gramineae). IND PER
 CERASTIUM ARVENSE L. "Field Mouse-ear" (Caryophyllaceae). IND PER
 CERASTIUM FONTANUM Baumg. "Mouse-ear" (Caryophyllaceae). ADV PER
 CERASTIUM NUTANS Raf. var. BRACHYPODUM Engelm. "Mouse-ear" (Caryophyllaceae). IND AN
 [Cercocarpus montanus.] We did not find this conspicuous shrub and feel obliged to doubt the report.
 CHAMAESYCE GLYPTOSPERMA (Engelm.) Small. "Thyme-leaved Spurge" (Euphorbiaceae). IND AN
 CHENOPODIUM ALBUM L. "Common Pigweed" (Chenopodiaceae). ADV AN
 CHENOPODIUM BOTrys L. "Jerusalem-oak" (Chenopodiaceae). ADV AN
 CHENOPODIUM LEPTOPHYLLUM (Miq.) Mats. "Narrow-leaved Goose-foot" (Chenopodiaceae). IND AN
 [Chrysopsis villosa.] This is the same as Heterotheca villosa.
 [Chrysanthemum nauseosus pinifolius.] We do not believe that we could have overlooked this conspicuous
 shrub, and we suggest that this was possibly based on a misidentification of Gutierrezia sarothrae.
 CICHORIUM INTYBUS L. "Chicory" (Compositae). ADV PER
 CIRSIUM ARVENSE (L.) Scop. "Canada Thistle" (Compositae). ADV PER
 CIRSIUM OCHROCENTRUM Gray. "Thistle." IND BIEN
 CIRSIUM UNDULATUM (Nutt.) Spreng. "Wavy-leaved Thistle" (Compositae). IND BIEN
 CLEMATIS LIGUSTICIFOLIA Nutt. "Western Virgin's-bower" (Ranunculaceae). IND
 COLLINSIA PARVIFLORA Lindl. "Baby-blue-eyes" (Scrophulariaceae). IND AN
 COLLOMIA LINEARIS Nutt. "Collomia" (Polemoniaceae). IND AN
 COMANDRA UMBELLATA (L.) Nutt. "Bastard Toadflax" (Santalaceae). IND PER
 CONVOLVULUS ARvensis L. "Bindweed; Creeping-Jenny" (Convolvulaceae). ADV PER
 CORYPHANTHA MISSOURIENSIS (Sweet) Britt. and Rose. "Nipple Cactus" (Cactaceae). IND PER
 CRATAEGUS ERYTHROPODA Ashe. "Hawthorn" (Rosaceae). IND

TABLE A-1 (continued)

CREPIS OCCIDENTALIS Nutt. "Hawksbeard" (Compositae). IND PER
 CREPIS RUNCINATA T. and G. "Hawksbeard" (Compositae). IND PER
 CUSCUTA APPROXIMATA Bab. "Dodder" (Convolvulaceae). IND AN
 CYNOGLOSSUM OFFICINALE L. "Hound's-tongue" (Boraginaceae). ADV BIEN
 [Cyperus filiculmis.] We doubt that this species occurs in the area, but in the absence of a voucher specimen, we cannot guess what other species might have been mistaken for it.
 DACTYLIS GLomerata L. "Orchard Grass" (Gramineae). ADV PER
 DALEA CANDIDA Willd. "Prairie-clover" (Leguminosae). IND PER
 DALEA PURPUREA Vent. "Prairie-clover" (Leguminosae). IND PER
 DELPHINIUM NELSONII Greene. "Larkspur" (Ranunculaceae). IND PER
 DELPHINIUM VIREScENS Nutt. "Plains Larkspur" (Ranunculaceae). IND PER
 DESCURAINIA PINNATA (Walt.) Britt. "Tansy Mustard" (Cruciferae). IND AN
 DESCURAINIA SOPHIA (L.) Webb. "Tansy Mustard" (Cruciferae). ADV AN
 DODECATHEON PULCHELLUM (Raf.) Merrill. "Shooting-star" (Primulaceae). IND PER
 DYSSODIA PAPPOSA (Vent.) Hitchc. "Fetid Marigold" (Compositae). IND AN
 ECHINOCEREUS VIRIDIFLORUS Engelm. "Hen-and-chickens" (Cactaceae). IND PER
 ECHINOCHLOA CRUS-GALLI (L.) P. Beauv. "Barnyard Grass" (Gramineae). ADV AN
 ELEOCHARIS COLORADOENSIS (Britt.) Gilly. "Spike-rush" (Cyperaceae). IND PER
 ELEOCHARIS ELLIPTICA Kunth var. COMPRESSA (Sull.) Drap. and Mohl. "Spike-rush" (Cyperaceae). IND PER
 ELEOCHARIS MACROSTACHYA Britt. "Spike-rush" (Cyperaceae). IND PER
 ELYMUS CANADENSIS L. "Canada Wild-rye" (Gramineae). IND PER
 EPILOBiUM ADENOCAULON Hausskn. "Northern Willow-herb" (Onagraceae). IND PER
 EPILOBiUM PANICULATUM Nutt. "Panicled Willow-herb" (Onagraceae). IND AN
 EQUISETUM LABVIGATUM A. Br. "Scouring-rush" (Equisetaceae). IND PER
 ERiGERON CANUS Gray. "Fleabane" (Compositae). IND PER
 ERiGERON DIVERGENS T. and G. "Spreading Fleabane" (Compositae). IND AN BIEN
 ERiGERON FLAGELLARIS Gray. "Trailing Fleabane" (Compositae). IND PER
 ERiGERON PUMiLLUS Nutt. "Low Daisy" (Compositae). IND PER
 [E-igeron speciosus.] This report must represent a misidentification, most likely of Erigeron strigosus.
 ERiGERON STRiGOSUS Muehl. "Daisy Fleabane" (Compositae). ADV AN BIEN PER
 ERIOGONUM ALATUM Torr. "Winged Eriogonum" (Polygonaceae). IND PER BIEN
 ERIOGONUM UMBELLATUM Torr. "Sulphur-flower" (Polygonaceae). IND PER
 ERODiUM CiCTARIUM (L.) L'Her. "Filaree" (Geraniaceae). ADV PER
 EROSiMMUM ASPERUM (Nutt.) DC. "Western Wallflower" (Cruciferae). IND BIEN PER
 [Euphorbia dictyosperma.] We have only found this species outside the site boundary.
 EUPHORBiA MARGINATA Pursh. "Snow-on-the-Mountain" (Euphorbiaceae). IND AN
 EUPHORBiA ROBUSTA (Engelm.) Small. "Rocky Mountain Spurge" (Euphorbiaceae). IND PER
 FESTUCA PRATENSIS Huds. "Meadow Fescue" (Gramineae). ADV PER
 FRASERA SPECIOSA Dougl. "Monument Plant" (Gentianaceae). IND PER

TABLE A-1 (continued)

GAILLARDIA ARISTATA Pursh. "Blanket-flower" (Compositae). IND PER
 GALIUM APARINE L. "Cleavers" (Rubiaceae). IND AN
 GALIUM BOREALE L. "Northern Bedstraw" (Rubiaceae). IND PER
 GALUA COCCINEA Nutt. "Scarlet Gaura" (Onagraceae). IND PER
 GENTIANA AFFINIS GRISEB. IND PER
 GERANTUM CAESPITOSUM James (G. fremontii of Colorado literature). "Wild Geranium" (Geraniaceae).
 IND PER
 GLILIA OPHTHALMOIDES brand ssp. CLOKEYI (MASON) A. and V. Grant. "Gilia" (Polemoniaceae). IND AN
 GLYCERIA MAXIMA (Hartm.) Holmboe ssp. GRANDIS (Wats.) Hulten. "American Manna-grass" (Gramineae).
 IND PER
 GLYCERIA STRIATA (Lam.) Hitchc. "Fowl Manna-grass" (Gramineae). IND PER
 GLYCYRRHIZA LEPIDOTA (Nutt.) Pursh. "Wild Liquorice" (Leguminosae). IND PER
 GRINDELIA SQUARROSA (Pursh.) Dunal. "Gumweed" (Compositae). IND BIEN
 GUITERREZIA SAROTHRA E (Pursh.) Britt. and Rusby. "Snakeweed" (Compositae). IND PER
 HARBOURIA TRACHYPLEURA (Gray) C. and R. "Whiskbroom Parsley" (Umbelliferae). IND PER
 HEDEOMA HISPIDUM Pursh. "Pennyroyal" (Labiatae). IND AN
 HELIANTHUS ANNUUS L. "Common Sunflower" (Compositae). IND AN
 [Helianthus petiolaris.] We may have overlooked this species, which is very similar to H. annuus. Both
 species and hybrids between them occur commonly in the Boulder area.
 HELIANTHUS PUMILLUS Nutt. "Sunflower" (Compositae). IND PER
 HERACLEUM LANATUM Michx. "Cow Parsnip" (Umbelliferae). IND BIEN PER
 HETEROTHECA VILLOSA (Pursh.) Shinners. "Golden Aster" (Compositae). IND PER
 HEUCHERA PARVIFOLIA Nutt. "Alum-root" (Saxifragaceae). IND PER
 HORDEUM JUBATUM L. "Foxtail Barley" (Gramineae). IND PER
 HYDROPHYLLUM FENDLERI (Gray) Heller. "Waterleaf" (Hydrophyllaceae). IND PER
 HYMEMOPAPPUS FILIPOLIUS Nutt. (Compositae). IND PER
 HYPERICUM PERFORATUM L. "Klamath Weed" (Hypericaceae). ADV PER
 IPOMOPSIS SPICATA (Nutt.) V. Grant. "Spike Bilia" (Polemoniaceae). IND BIEN
 IRIS MISSOURIENSIS Nutt. "Wild Iris" (Iridaceae). IND PER
 JUNCUS ARCTICUS Willd. ssp. ATER (Rydb.) Hulten. "Baltic Rush" (Juncaceae). IND PER
 [Juncus balticus.] = Juncus arcticus ssp. ater.
 JUNCUS BUFONIUS L. "Toad Rush" (Juncaceae). IND AN
 JUNCUS DUDLEYI Wieg. "Rush" (Juncaceae). IND PER
 JUNCUS NODOSUS L. "Rush" (Juncaceae). IND PER
 JUNCUS SACIMENTANUS A. Nels. "Rush" (Juncaceae). IND PER
 JUNCUS SPHAEROCARPUS Nees. "Toad Rush" (Juncaceae). ADV AN
 JUNCUS TORREYI Cov. "Rush" (Juncaceae). IND PER
 JUNCUS TRACYI Rydb. "Rush" (Juncaceae). IND PER
 [Kochia iranica.] This is the most abundant ruderal weed in the Boulder area. We did not see it in
 our inventory, but it probably occurs, most likely in the vicinity of buildings within the security
 fence.

TABLE A-1 (continued)

KOELERIA GRACILIS Pers. "June Grass" (Gramineae). IND PER
 LACTUCA SERRIOLA L. "Prickly Lettuce" (Compositae). ADV AN
 LAPPULA REDONSKII (Hornem.) GREENE. "Beggar's Tick" (Boraginaceae). IND AN
 LATHYRUS EUCOSMUS Butters and St. Joh. "Pea-vine" (Leguminosae). IND PER
 LEVNA MINOR L. "Duckweed" (Lemnaceae). IND AN PER
 LEPIDIUM CAMPESTRE (L.) R. Br. "Field Cress" (Cruciferae). ADV AN
 [Lepidium densiflorum.] This undoubtedly occurs as a weed in the area, possibly within the plant enclosure. We did not see it in the area which we covered.
 LESQUERELLA MONTANA (Gray) Wats. "Mountain Bladder-Pod" (Cruciferae). IND PER
 LEUCANTHEMUM VULGARE Lam. "Ox-eye Daisy" (Compositae). ADV PER
 LEUCOCRINUM MONTANUM Nutt. "Sand Lily" (Liliaceae). IND PER
 LIATRIS PUNCTATA Hook. "Blazing Star" (Compositae). IND PER
 LINARIA DALMATICA (L.) Mill. "Butter-and-eggs" (Scrophulariaceae). ADV PER
 LINUM LEWISII Pursh. "Wild Blue Flax" (Linaceae). IND PER
 LITHOSPERMUM INCISUM Lehm. "Narrow-leaved Puccoon" (Boraginaceae). IND PER
 LOMATIUM ORIENTALE C. and R. "Salt-and-pepper" (Umbelliferae). IND PER
 LUPINUS ARGENTUS Pursh. "Lupine" (Leguminosae). IND PER
 LYSIMACHIA CILIATA L. "Fringed Loosestrife" (Primulaceae). IND PER
 LYTHRUM ALATUM Pursh. "Winged Loosestrife" (Lythraceae). IND PER
 MAHONIA REPENS (Lindl.) G. Don. "Oregon-grape" (Berberidaceae). IND
 MEDICAGO LUPULINA L. "Black Medic" (Leguminosae). ADV PER
 MELANDRIUM DIOICUM (L.) Coss. and Germ. "White Campion" (Caryophyllaceae). ADV PER
 MELANDRIUM DRUMMONDII (Hook.) Hulten. "Campion" (Caryophyllaceae). IND PER
 MELILOTUS ALBA Desr. "White Sweet-clover" (Leguminosae). ADV AN BIEN
 MELILOTUS OFFICINALIS (L.) Lam. "Yellow Sweet-clover" (Leguminosae). ADV AN BIEN
 MENTHA ARvensis L. "Field Mint" (Labiatae). IND PER
 MERTENSIA LANCEOLATA (Pursh.) A. DC. "Narrow-leaved Mertensia" (Boraginaceae). IND PER
 MIMULUS FLORIBUNDUS Doubl. "Monkey-flower" (Scrophulariaceae). IND AN
 MIMULUS GLABRATUS H.B.K. "Smooth Monkey-flower" (Scrophulariaceae). IND PER
 MONARADA FISTULOSA L. "Pink Bergamot" (Labiatae). IND PER
 MUNILEBERGIA MONTANA (Nutt.) Hitchc. "Mountain Muhly" (Gramineae). IND PER
 MUSINEON DIVARICATUM (Pursh.) Raf. "Musineon" (Umbelliferae). IND PER
 MYOSURUS MINIMUS L. "Mousetail" (Ranunculaceae). IND AN
 NASTURTIUM OFFICINALE R. Br. (formerly called Rorippa nasturtium-aquaticum [L.] Schinz and Thell.) "Water Cress" (Cruciferae). IND PER
 NAVARRETIA MINIMA Nutt. "Navarretia" (Polemoniaceae). ADV (in our area at least) AN
 NEPETA CATARIA L. "Catnip" (Labiatae). ADV PER
 NOTOCALAIIS CUSPIDATA (Pursh.) Greene. "False Dandelion" (Compositae). IND PER
 OENOTHERA BRACHYCARPA Gray. "Yellow Stemless Evening-primrose" (Onagraceae). IND PER
 OENOTHERA FLAVA (A. Nels.) Munz. "Evening-primrose" (Onagraceae). IND PER

TABLE A-1 (continued)

OENOTHERA STRIGOSA (Rydb.) Mack. and Bush. "Tall Evening-primrose" (Onagraceae). IND BIEN
 ONOSMODIUM MOLLE Michx. var. OCCIDENTALIS (Mack.) Johnston. "False Cromwell" (Boraginaceae). IND PER
 OPUNTIA COMPRESSA (Salisb.) Macbr. "Prickly-pear Cactus" (Cactaceae). IND PER
 OPUNTIA FRAGILIS (Nutt.) Haw. "Brittle Cactus" (Cactaceae). IND PER
 OPUNTIA POLYACANTHA Haw. "Starvation Cactus" (Cactaceae). IND PER
[Opuntia rafinesquei.] = O. compressa.
 OROBANCHE FASCICULATA Nutt. "Clustered Cancer-root" (Orobanchaceae). IND AN
 OXALIS DILLENTII Jacq. "Wood-sorrel" (Oxalidaceae). IND PER
 OXYBAPHUS LINEARIS (Pursh.) Robinson. "Narrow-leaved Umbrella-wort" (Nyctaginaceae). IND PER
 OXYBAPHUS NYCTAGINEUS (Michx.) Porter and Coulter. "Heart-leaved Umbrella-wort" (Nyctaginaceae).
 IND PER
 OXYTROPIS LAMBERTII Pursh. "Colorado Loco" (Leguminosae). IND PER
 PANICUM CAPILLARE L. "Witchgrass" (Gramineae). IND PER
 PANICUM OLIGOSANTHES Schult. "Panic-grass" (Gramineae). IND PER
 PANICUM VIRGATUM L. "Switchgrass" (Gramineae). IND PER
 PARONYCHIA JAMESII T. and G. "Nailwort" (Caryophyllaceae). IND PER
 PEDIOCACTUS SIMPSONII (Engelm.) Britt. and Rose. "Mountain Ball Cactus" (Cactaceae). IND PER
[Penstemon angustifolius.] We suspect this report to be a misidentification of Penstemon virgatus
 ssp. asagrayi.
 PENSTEMON VIRENS Pennell. "Penstemon" (Scrophulariaceae). IND PER
 PENSTEMON VIRGATUS Gray ssp. ASA-GRAYI Crosswhite. "One-sided Penstemon" (Scrophulariaceae). IND PER
 PERSICARIA LAPATHIFOLIA (L.) S.F. GRAY. "Smartweed" (Polygonaceae). ADV AN
 PERISCIARIA MACULATA (Raf.) S.F. Gray. "Lady's Thumb" (Polygonaceae). ADV PER
[Petalostemon purpureus.] = Dalea purpurea.
 PHACELIA HETEROPHYLLA Pursh. "Scorpion Weed" (Hydrophyllaceae). IND PER
 PHLEUM PRATENSE L. "Timothy" (Gramineae). ADV PER
 PHYLLA CUNEIPOLIA (Torr.) Greene "Fog-fruit" (Verbenaceae). IND PER
 PHYSALIS LOBATA Torr. "Purple-flowered Ground-cherry" (Solanaceae). IND PER
 PHYSALIS VIRGINIANA Mill. "Ground-cherry" (Solanaceae). IND PER
 PHYSOCARPUS MONOGYNUS (Torr.) Coulter. "Ninebark" (Rosaceae). IND
 PINUS PONDEROSA Laws. var. SCOPULORUM Engelm. "Ponderosa Pine" (Pinaceae). IND
 PLANTAGO LANCEOLATA L. "English Plantain" (Plantaginaceae). ADV BIEN PER
 PLANTAGO PATAGONICA Jacq. "Woolly Plantain" (Plantaginaceae). IND AN
 POA CANBYI (Scribn.) Piper. "Blue-grass" (Gramineae). IND PER
 POA COMPRESSA L. "Canada Blue-grass" (Gramineae). IND PER
 PODOSPERMUM LACINIATUM (L.) DC. (Compositae). ADV BIEN PER
 POLYGONUM DOUGLASII Greene. "Knotweed" (Polygonaceae). IND AN
 POLYPOGON MONSPELIENSIS (L.) Desf. "Rabbitfoot Grass" (Gramineae). ADV AN
 POPULUS SARGENTII Dode. "Plains Cottonwood" (Salicaceae). IND
 POTAMOGETON NATANS L. "Pondweed" (Potamogetonaceae). IND PER

TABLE A-1 (continued)

POTENTILLA FISSA Nutt. "Sticky Cinquefoil" (Rosaceae). IND PER
 POTENTILLA GRACILIS Dougl. ex Hook. "Cinquefoil" (Rosaceae). IND PER
 POTENTILLA HIPPIANA Lehm. "Woolly Cinquefoil" (Rosaceae). IND PER
 PRUNELLA VULGARIS L. "Self-heal; Heal-all" (Labiatae). IND PER
 PRUNUS AMERICANA MARSH. "Wild Plum" (Rosaceae). IND
 PRUNUS VIRGINIANA L. var. MELANOCARPA (A. Nels.) Sarg. "Choke-cherry" (Rosaceae). IND
 PSORALEA TENUIFLORA Pursh. (Leguminosae). IND PER
 PYRUS MALUS L. "Apple" (Rosaceae). ADV
 RANUNCULUS AQUATILIS L. "Water Crowfoot" (Ranunculaceae). IND PER
 [Ranunculus glaberrimus.] We do not believe this occurs on the site, but have no idea what other species might be meant.
 RANUNCULUS MACOUNII Britt. "Buttercup" (Ranunculaceae). IND PER
 RATIBIDA COLUMNIFERA (Nutt.) Woot. and Standl. "Prairie Cone-flower" (Compositae). IND PER
 RHUS TRILOBATA Nutt. "Skunkbrush" (Anacardiaceae). IND
 RIBES AUREUM Pursh. "Golden Currant" (Grossulariaceae). IND
 [Rorippa islandica.] The report undoubtedly refers to Rorippa palustris ssp. hispida.
 RORIPPA PALUSTRIS (L.) Besser ssp. HISPIDA (Desv.) Jonsell. "Yellow-cress" (Cruciferae). IND AN BIEN
 ROSA ARKANSANA Porter. "Wild Prairie Rose" (Rosaceae). IND
 RUBUS IDAEUS L var. STRIGOSUS (Michx.) Maxim. "Wild Raspberry" (Rosaceae). IND
 RUDBECKIA HIRTA L. "Black-eyed Susan" (Compositae). IND PER
 RUDBECKIA LACINIATA L. var. AMPLA (A. Nels) Cronquist. "Tall Cone-flower" (Compositae). IND PER
 RUMEX ACETOSELLA L. "Sheep Sorrel" (Polygonaceae). ADV PER
 RUMEX CRISPUS L. "Curly Dock" (Polygonaceae). ADV PER
 RUMEX SALICIPOLIUS Weinm. ssp. TRIANGULIVALVIS Danser. "Willow Dock" (Polygonaceae). IND PER
 [Sagittaria cuneata.] We found only S. latifolia, but it is entirely possible that s. cuneata occurs on the site, since they frequently inhabit the same area; they are only distinguishable on examination of mature fruit.
 SAGITTARIA LATIFOLIA Willd. "Arrowhead" (Alismaceae). IND PER
 SALIX AMYGDALOIDES Anderss. "Peach-leaved Willow" (Salicaceae). IND
 SALIX ECIGUA Nutt. "Sand-bar Willow" (Salicaceae). IND
 SALIX INTERIOR Rowlee. "Sand-bar Willow" (Salicaceae). IND
 SALIX LIGULIFOLIA (Ball) Ball. "Willow" (Salicaceae). IND
 [Salsola kali tenuiflora.] This is the common "Russian Thistle," Salsola iberica sennen and Pau. It must be present on the area and we are at a loss to know why we overlooked it.
 SALVIA REFLEXA Hornem. "Lance-leaved Sage" (Labiatae). IND AN
 SCHEDONIARIUS PANICULATUS (Nutt.) Trel. "Tumble-grass" (Gramineae). IND AN
 SCHIZACHYRIUM SCOPARIUM (Michx.) Nash (Andropogon scoparius of older treatments). "Little Blue-star" (Gramineae). IND PER
 SCIRPUS ACUTUS Muehl. "Bulrush; Tule" (Cyperaceae). IND PER
 SCIRPUS AMERICANUS Pers. "Three-square" (Cyperaceae). IND PER
 SCIRPUS LACISTRIS L. ssp. VALIDUS (Vahl) Koyama. "Bulrush; Tule" (Cyperaceae). IND PER

TABLE A-1 (continued)

[Scirpus microcarpus.] = Scirpus pallidus.

SCIRPUS PALLIDUS (Britt.) Fern. (Cyperaceae). IND PER

SCROPHULARIA LANCEOLATA Pursh. "Figwort" (Scrophulariaceae). IND PER

SCUTELLARIA BRITTONII Porter. "Skullcap" (Labiatae). IND PER

SECALE CEREALE L. "Rye" (Gramineae). ADV AN

SEDEM LANCEOLATUM Torr. "Stonecrop" (Crassulaceae). IND PER

[Senecio atratus.] This is a species of scree slopes in the subalpine zone and hardly would be expected to occur on the site. Very likely this was a misidentification of Senecio intergerrimus.

SENECIO INTEGERRIMUS Nutt. "Butterweed" (Compositae). IND PER

SENECIO PLATTENSIS Nutt. "Butterweed" (Compositae). IND PER

SENECIO SPARTOIDES T. and G. "Broom Ragwort" (Compositae). IND PER

SETARIA VIRIDIS (L.) P. Beauv. "Green Bristle-grass" (Gramineae). ADV AN

SILENE ANTIRRHINA L. "Sleepy Catchfly" (Caryophyllaceae). ADV AN

SISYMBRIUM ALTISSIMUM L. "Jim Hill Mustard" (Cruciferae). ADV AN

SISYRINCHIUM MONTANUM Greene. "Blue-eyed-grass" (Iridaceae). IND PER

[Sitanion hystrix.] = Sitanion longifolium.

SITANION LONGIFOLIUM J.G. Smith. "Squirrel-tail" (Gramineae). IND PER

SMILACINA STELLATA (L.) Desf. "False Solomon's Seal" (Liliaceae). IND PER

[Solanum eleagnifolium.] We do not doubt this report. The plant could occur very sporadically in waste ground, but we did not see it.

SOLANUM ROSTRATUM Dunal. "Buffalo Bur" (Solanaceae). ADV (here at least) AN

[Solidago ciliosa.] Highly unlikely for Rocky Flats and probably based on a misidentification of Solidago missouriensis.

SOLIDAGO MISSOURIENSIS Nutt. "Smooth Goldenrod" (Compositae). IND PER

SOLIDAGO MOLLIS Bartl. "Goldenrod" (Compositae). IND PER

SPARTINA PECTINATA Link. "Prairie Cordgrass" (Gramineae). IND PER

SPHAERALCEA COCCINEA (Pursh.) Rydb. "Copper Mallow" (Malvaceae). IND PER

SPOROBOLUS CRYPTANDRUS (Torr.) Gray. "Sand Dropseed" (Gramineae). IND PER

SPOROBOLUS HETEROLEPIS Gray. "Prairie Dropseed" (Gramineae). IND PER

STELLARIA LONGIPOLIA Muehl. "Long-leaved Stitchwort" (Caryophyllaceae). IND PER

STEPHANOMERIA PAUCIFLORA (Torr.) Nees. "Wire-lettuce" (Compositae). IND PER

[Stipa comata Trin.] This species should be in the area, but we did not find it in our survey. We see no reason to doubt the report.

[Stipa neomexicana.] This species should be in the area, and it is very distinctive, but we did not find it in our survey. We see no reason to doubt the report.

STIPA VIRIDULA Trin. "Green Needle-grass" (Gramineae). IND PER

SYMPHORICARPOS OCCIDENTALIS Hook. "Snowberry; Buckbrush" (Caprifoliaceae). IND

SYMPHORICARPOS OREOPHILUS Gray. "Snowberry; Buckbrush" (Caprifoliaceae). IND

TALINUM PARVIFLORUM Nutt. "Fame-flower" (Portulacaceae). IND PER

TARAXACUM OFFICINALE Web. in Wiggers. "Common Dandelion" (Compositae). ADV PER

THELERSPERMA MEGAPOTAMICUM (Spreng.) Kuntze. "Green-thread" (Compositae). IND PER

TABLE A-1 (continued)

THERMOPSIS DIVARICARPA A. Nels. "Golden Banner" (Leguminosae). IND PER
 [*Thlaspi alpestre*.] = *Thlaspi montanum* L. "Candytuft" (Cruciferae). *T. alpestre* is restricted to Eurasia, although the name has been used until recently for the latter. We do not doubt the report, but we did not find this in our survey.
 THLASPI ARVENSE L. "Penny Cress" (Cruciferae). ADV AN
 TINTARIA CONVOLVULUS (L.) Webb and Moq. (*Bilderdykia convolvulus* [L.] Dum.) "Black Bindweed" (Polygonaceae). ADV AN
 TOWNSENDIA GRANDIFLORA Nutt. "Easter Daisy" (Compositae). IND BIEN
 TOWNSENDIA HOOKERI Beaman. "Easter Daisy" (Compositae). IND PER
 TOXICODENDRON RYDBERGII (Small ex Rydb.) Greene. "Poison Ivy" (Anacardiaceae). IND PER
 TRADESCANTIA OCCIDENTALIS (Britt.) Smyth. "Spiderwort" (Compositae). IND PER
 TRAGOPOGON DUBIUS Scop. "Salsify" (Compositae). ADV BIEN PER
 TRAGOPOGON PORRIPOLIUS L. "Purple Salsify" (Compositae). ADV BIEN PER
 TRIFOLIUM HYBRIDUM L. "Alsike Clover" (Leguminosae). ADV PER
 TRIFOLIUM PRATENSE L. "Red Clover" (Leguminosae). ADV PER
 TYPHA LATIFOLIA L. "Broad-leaved Cat-tail" (Typhaceae). IND
 VACCARIA PYRAMIDATA Medic. "Cow Cockle" (Caryophyllaceae). ADV AN
 VERBASCUM BLATTARIA L. "Moth Mullein" (Scrophulariaceae). ADV BIEN
 VERBASCUM THAPSUS L. "Great Mullein" (Scrophulariaceae). ADV BIEN
 VERBENA BRACTEATA Lag. and Rodr. "Prostrate Verbena" (Verbenaceae). ADV AN
 VERBENA HASTATA L. "Blue Verbena" (Verbenaceae). IND PER
 [*Veronica americana*.] Probably a misidentification of *V. anagallis-aquatica*, although there is no reason why it could not occur here.
 VERONICA ANAGALLIS-AQUATICA L. "Water Speedwell" (Scrophulariaceae). ADV PER
 VERONICA PEGREINA L. "Purslane Speedwell" (Scrophulariaceae). ADV AN
 VICIA AMERICANA Muhl. "Common Vetch" (Leguminosae). IND PER
 VIOLA CANADENSIS L. "White Violet" (Violaceae). IND PER
 VIOLA NUTTALLII Pursh. "Yellow Violet" (Violaceae). IND PER
 VULPIA OCTOFLORA (Walt.) Rydb. "Six-weeks Fescue" (Gramineae). IND AN
 XANTHIUM STRUMARIUM L. "Cocklebur" (Compositae). ADV AN
 YUCCA GLAUCA Nutt. "Spanish Bayonet" (Liliaceae). IND
 ZYGADENUS VENENOSUS Mats. var. GRAMINEUS (Rydb.) Walsh ex Peck. "Death Camas" (Liliaceae). IND PER

Lichens (25 Species)

ACAROSPORA FUSCATA (Schrad.) Arn.
 ASPICILIA CAESIOCINerea (Nyl.) Arn.
 CALOPLACA LAMPROCHEILA (DC.) Flag.
 CANDELARIELLA ROSULANS Muell.-Arg.
 CLADONIA PYXIDATA (L.) Fr.
 DERMATOCARPON LACHENUM (Ach.) A.L. Sm.

TABLE A-1 (continued)

DIMELAENA OREINA Norm.
DIPLOSCHISTES SCRUPOSUS (Schreb.) Norm.
LECANORA CHRYSOLEUCA (Sm.) Ach.
LECANORA MURALIS (Schreb.) Rabenh.
LECIDIA AURICULATA Th. Fr.
PARMELIA EXASPERATULA (Ach.) Nyl.
PARMELIA SUBDECIPiens Vain. ex Lyngé.
PARMELIA SUBRAMIGERA Gyel.
PARMELIA ULOPHYLLOIDES (Vain) Savicz.
PARMELIA (XANTHOPARMELIA) indet.
PELTIGERA CANINA (L.) Willd. var. RUFESCENS (Weiss) Mudd.
PHYSCLA ORBICULARIS (Neck.) POETSCH.
PHYSCLA CAESIA (Hoffm.) Hampe.
PHYSCLA DUBIA (Hoffm.) Lett.
PHYSCLA STELLARIS (L.) Nyl.
PHYSCONIA GRISEA (Lam.) Poeit.
RINODINA sp. indet.
SARCOGYNE CLAVUS (Ram. ex Lam. and DC.) Kremp.
XANTHORIA FALLAX (Hepp in Arn.) Arn.

Bryophytes (16 Species)

AMBLYSTEGIUM SERPENS (Hedw.) B.S.G. var. JURATZKANUM (Schimp.) Rau et Herv.
BRACHythECIUM FENDLERI (Sull.) Jaeg. et Sauerb.
BRYUM ARGENTEUM Hedw.
BRYUM CAESPITICIUM Hedw.
BRYUM CAPILLARE Hedw.
CAMPYLIUM CHRYSOPHYLLUM (Brid.) J. Lange.
CERATODON PURPUREUS (Hedw.) Brid.
DREPANOCLADUS ADUNCUS (Hedw.) Warnst.
GRIMMIA MONTANA B.S.G.
MARCHANTIA POLYMORPHA L.
ORHOTRICHUM PALLENS Bruch ex Brid.
ORHOTRICHUM PUMILUM Sw.
PHYSCOMITRIUM PYRIFORME (Hedw.) Hampe.
POHlia NUTANS (Hedw.) Lindb.
POLYTRICHUM PILIFERUM Hedw.
TORTULA RURALIS (Hedw.) Gaertn.

Macroscopic Green Algae

CHARA species (Characeae).

TABLE A-2

ANIMALS KNOWN TO OCCUR AT THE ROCKY FLATS SITE

Mammals

LEPUS TOWNSENDII - White-tailed Jack Rabbit
SYLVILAGUS spp - Cottontail
SPERMOPHILUS TRIDECIMLINEATUS - Thirteen-lined Ground Squirrel
THOMOMYS TALPOIDES - Northern Pocket Gopher
PEROGNATHUS HISPIDUS - Hispid Pocket Mouse
PEROGNATHUS FLAVUS - Silky Pocket Mouse
PEROMYSCUS MANICULATUS - Deer Mouse
PEROMYSCUS DIFFICILIS - Rock Mouse
MICROTUS PENNSYLVANICUS - Meadow Vole
ONDATRA ZIBETHICUS - Muskrat
MUS MUSCULUS - House Mouse
VULPES FULVA - Red Fox
CANIS LATRANS - Coyote
PROCYON LOTOR - Raccoon
MUSTELA FRENATA - Long-tailed Weasel*
TAXIDEA TAXUS - American Badger
MEPHITIS MEPHITIS - Striped Skunk
ODOCOILEUS HEMIONUS - Mule Deer

BIRDS

ARDEA HERODIAS - Great Blue Heron
ANAS PLATYRHYNCHOS - Mallard
ANAS STREPERA - Gadwall*
ANAS CYANOPTERA - Cinnamon Teal*
MARECA AMERICANA - Baldpate*
ANAS CAROLINENSIS - Green-winged Teal*
ANAS DISCORS - Blue-winged Teal*
AYTHYA AMERICANA - Redhead*
BUTEO JAMAICENSIS - Red-tailed Hawk
BUTEO LAGOPUS - American Rough legged Hawk*
CIRCUS CYANEUS - Marsh Hawk*
FALCO SPARVERIUS - American Kestrel*
BUTEO REGALIS - Ferruginous Hawk*
CHARADRIUS VOCIFERUS - Killdeer*
COLUMBA LIVIA - Rock Dove*

*Species shown with an asterisk have been seen within the site by a Rocky Flats biologist. All other species were previously identified by Whicker (1974).

TABLE A-2 (continued)

ZENaidura macroura - Mourning Dove
Bubo virginianus - Horned Owl
Chordeiles minor - Common Nighthawk
Megaceryle alcyon - Belted Kingfisher*
Sayornis saya - Say's Phoebe
Agelaius phoeniceus - Red-winged Blackbird
Eremophila alpestris - Horned Lark*
Hirundo rustica - Barn Swallow*
Pica pica - American Magpie
Corvus corax - Raven*
Turdus migratorius - Robin*
Sturnus vulgaris - Starling*
Sturnella neglecta - Western Meadowlark
Quiscalus quiscula - Common Grackle*
Molothrus ater - Brown-headed Cowbird*
Passerina amoena - Lazuli Bunting
Pipilo erythrorthalmus - Rufous-sided Towhee
Poocetes gramineus - Vesper Sparrow
Melospiza melodia - Song Sparrow*
Sialia currucoides - Mountain Bluebird*
Junco hyemalis - Slate-colored Junco*
Speotyto cunicularia - Burrowing Owl
Calamospiza melanocorys - Lark Bunting

*Species shown with an asterisk have been seen within the site by a Rocky Flats biologist. All other species were previously identified by Whicker (1974).

TABLE A-3

REPTILES AND AMPHIBIANS KNOWN TO OCCUR AT THE ROCKY FLATS SITE*

RANA PIPIENS BRACHYCEPHALA - Western Leopard Frog*
CHRYSEMYS PICTA - Painted Box Turtle
PHRYNOSOMA DOUGLASSI BREVIROSTRE - Eastern Short-horned Lizard*
THAMNOPHIS RADIX - Plains Garter Snake
COLUBER CONSTRICCTOR - Racer
PITUOPHIS MELANOLEUCUS - Common Bullsnake
CROTALUS VIRIDIS - Prairie Rattlesnake

*All of these species were identified by Whicker (1974).

TABLE A-4
AQUATIC SPECIES KNOWN TO OCCUR AT THE ROCKY FLATS SITE

<u>Algae</u>	<u>Cyanophyta</u> (Blue-Green Algae)	<u>Chlorophyta</u> (Green Algae)	<u>Chrysophyta</u>
GLBOTRICHIA		HYDRODICTYON	DINOBYRON
GLEOCAPSA		CHLOROCOCCUM	CYMBELLA
OSCILLATORIA LIMNOSA		CHLORELLA	HYLOTHECA
NOSTOC PRUNIFORME		OEDOGONIUM	NAVICULA
ANABAENA		CLADOPHORA	
SCYTONEMA		ZYGNEMA	
STIGONEMA		ULOTHRIX ZONOTA	
TOLYPOTHRIX		CHAETOPHORA	
APHANTOMENON		PEDIASTRUM	
APPITHIRIN		SPIROGYRA CRASSI	
CALOTHRIX		SPIROGYRA	
		SCENESDESmus	
		MOUGBOTIA	
		CLOSTERIUM	
		EUGLINOIDS	
<u>Crustaceans*</u>		<u>Insect Orders*</u>	<u>Fish**</u>
DAPHNIA PULEX		PLECOPTERA	PIMEPHALES PROMELAS - Fathead Minnow
DIATPOMUS		EPHEMEROPTERA	LEPOMIS CYANELLUS - Green Sunfish
GAMMARUS		ODONATA	CATOSTOMUS COMMERSONI - Western White Sucker
CAMBARUS		DIPTERA	MICROPTERUS SALMOIDES - Largemouth Bass
		COLEOPTERA	SALMO GAIRINERII - Rainbow Trout
		TRICHOPTERA	

* Identified by Johnson, et al (1974)
** Identified by Zillich (1974)

Appendix I

APPENDIX I
RAAMP SAMPLER SUMMARY DATA

APPENDIX I-1
ON-SITE SAMPLERS

PLUTONIUM IN ONSITE AMBIENT AIR - 1975

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	01-JAN-75	31-JAN-75	1	36000		0.000146
S-06	01-JAN-75	31-JAN-75	0			
S-07	01-JAN-75	31-JAN-75	0			
S-08	01-JAN-75	31-JAN-75	0			
S-09	01-JAN-75	31-JAN-75	0			
S-19	01-JAN-75	31-JAN-75	0			
S-20	01-JAN-75	31-JAN-75	1	46000		0.000055
S-21	01-JAN-75	31-JAN-75	0			
S-05	01-FEB-75	28-FEB-75	1	23000		0.000106
S-06	01-FEB-75	28-FEB-75	1	41000		0.000633
S-07	01-FEB-75	28-FEB-75	1	39000		0.000632
S-08	01-FEB-75	28-FEB-75	1	44000		0.000813
S-09	01-FEB-75	28-FEB-75	1	40000		0.000432
S-19	01-FEB-75	28-FEB-75	0			
S-20	01-FEB-75	28-FEB-75	1	47000		0.000067
S-21	01-FEB-75	28-FEB-75	0			
S-05	01-MAR-75	31-MAR-75	1	35000		0.000024
S-06	01-MAR-75	31-MAR-75	1	42000		0.006335
S-07	01-MAR-75	31-MAR-75	1	50000		0.000746
S-08	01-MAR-75	31-MAR-75	1	42000		0.000870
S-09	01-MAR-75	31-MAR-75	1	51000		0.000837
S-19	01-MAR-75	31-MAR-75	0			
S-20	01-MAR-75	31-MAR-75	1	36000		0.000059
S-21	01-MAR-75	31-MAR-75	0			
S-05	01-APR-75	30-APR-75	1	20000		0.000067
S-06	01-APR-75	30-APR-75	1	43000		0.001009
S-07	01-APR-75	30-APR-75	1	40000		0.000992
S-08	01-APR-75	30-APR-75	1	41000		0.000589
S-09	01-APR-75	30-APR-75	1	41000		0.000770
S-19	01-APR-75	30-APR-75	0			
S-20	01-APR-75	30-APR-75	1	36000		0.000058
S-21	01-APR-75	30-APR-75	0			
S-05	01-MAY-75	31-MAY-75	1	20000		0.000263
S-06	01-MAY-75	31-MAY-75	1	41000		0.001675
S-07	01-MAY-75	31-MAY-75	1	42000		0.002676
S-08	01-MAY-75	31-MAY-75	1	30000		0.001111
S-09	01-MAY-75	31-MAY-75	1	41000		0.001801
S-19	01-MAY-75	31-MAY-75	0			
S-20	01-MAY-75	31-MAY-75	1	9000		0.001606
S-21	01-MAY-75	31-MAY-75	0			
S-05	01-JUN-75	30-JUN-75	0			
S-06	01-JUN-75	30-JUN-75	1	42000		0.000319
S-07	01-JUN-75	30-JUN-75	1	40000		0.000480
S-08	01-JUN-75	30-JUN-75	0			
S-09	01-JUN-75	30-JUN-75	1	41000		0.000356
S-19	01-JUN-75	30-JUN-75	0			
S-20	01-JUN-75	30-JUN-75	1	18000		0.000191
S-21	01-JUN-75	30-JUN-75	0			
S-05	01-JUL-75	31-JUL-75	1	26000		0.000145
S-06	01-JUL-75	31-JUL-75	1	53000		0.000137
S-07	01-JUL-75	31-JUL-75	1	50000		0.000127
S-08	01-JUL-75	31-JUL-75	1	42000		0.000166
S-09	01-JUL-75	31-JUL-75	1	49000		0.000332
S-19	01-JUL-75	31-JUL-75	0			

PLUTONIUM IN ONSITE AMBIENT AIR - 1975

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05		01		75
S-06		01		75
S-07		01		75
S-08		01		75
S-09		01		75
S-19		01		75
S-20		01		75
S-21		01		75
S-05		02		75
S-06		02		75
S-07		02		75
S-08		02		75
S-09		02		75
S-19		02		75
S-20		02		75
S-21		02		75
S-05		03		75
S-06		03		75
S-07		03		75
S-08		03		75
S-09		03		75
S-19		03		75
S-20		03		75
S-21		03		75
S-05		04		75
S-06		04		75
S-07		04		75
S-08		04		75
S-09		04		75
S-19		04		75
S-20		04		75
S-21		04		75
S-05		05		75
S-06		05		75
S-07		05		75
S-08		05		75
S-09		05		75
S-19		05		75
S-20		05		75
S-21		05		75
S-05		06		75
S-06		06		75
S-07		06		75
S-08		06		75
S-09		06		75
S-19		06		75
S-20		06		75
S-21		06		75
S-05		07		75
S-06		07		75
S-07		07		75
S-08		07		75
S-09		07		75
S-19		07		75

PLUTONIUM IN ONSITE AMBIENT AIR - 1975

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-20	01-JUL-75	31-JUL-75	1	43000		0.000073
S-21	01-JUL-75	31-JUL-75	0			
S-05	01-AUG-75	31-AUG-75	1	27000		0.000217
S-06	01-AUG-75	31-AUG-75	1	44000		0.000095
S-07	01-AUG-75	31-AUG-75	1	40000		0.000085
S-08	01-AUG-75	31-AUG-75	1	38000		0.000241
S-09	01-AUG-75	31-AUG-75	1	40000		0.000179
S-19	01-AUG-75	31-AUG-75	0			
S-20	01-AUG-75	31-AUG-75	1	35000		0.000028
S-21	01-AUG-75	31-AUG-75	0			
S-05	01-SEP-75	30-SEP-75	1	32000		0.000054
S-06	01-SEP-75	30-SEP-75	1	56000		0.000064
S-07	01-SEP-75	30-SEP-75	1	50000		0.000050
S-08	01-SEP-75	30-SEP-75	1	47000		0.000180
S-09	01-SEP-75	30-SEP-75	1	50000		0.000087
S-19	01-SEP-75	30-SEP-75	1	28000		0.000031
S-20	01-SEP-75	30-SEP-75	1	18000		0.000036
S-21	01-SEP-75	30-SEP-75	1	40000		0.000030
S-05	01-OCT-75	31-OCT-75	1	40000		0.000102
S-06	01-OCT-75	31-OCT-75	1	57000		0.000193
S-07	01-OCT-75	31-OCT-75	1	31000		0.000221
S-08	01-OCT-75	31-OCT-75	1	50000		0.000151
S-09	01-OCT-75	31-OCT-75	1	40000		0.000223
S-19	01-OCT-75	31-OCT-75	1	54000		0.000035
S-20	01-OCT-75	31-OCT-75	1	27000		0.000023
S-21	01-OCT-75	31-OCT-75	1	47000		0.000019
S-05	01-NOV-75	30-NOV-75	0			
S-06	01-NOV-75	30-NOV-75	0			
S-07	01-NOV-75	30-NOV-75	1	40000		0.000024
S-08	01-NOV-75	30-NOV-75	0			
S-09	01-NOV-75	30-NOV-75	1	40000		0.000201
S-19	01-NOV-75	30-NOV-75	1	44000		0.000035
S-20	01-NOV-75	30-NOV-75	1	44000		0.000013
S-21	01-NOV-75	30-NOV-75	1	29000		0.000027
S-05	01-DEC-75	31-DEC-75	1	54000		0.000004
S-06	01-DEC-75	31-DEC-75	1	45000		0.000135
S-07	01-DEC-75	31-DEC-75	1	42000		0.000184
S-08	01-DEC-75	31-DEC-75	1	41000		0.000251
S-09	01-DEC-75	31-DEC-75	1	53000		0.000228
S-19	01-DEC-75	31-DEC-75	1	42000		0.000032
S-20	01-DEC-75	31-DEC-75	1	47000		0.000016
S-21	01-DEC-75	31-DEC-75	1	38000		0.000047

PLUTONIUM IN ONSITE AMBIENT AIR - 1975

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-20		07		75
S-21		07		75
S-05		08		75
S-06		08		75
S-07		08		75
S-08		08		75
S-09		08		75
S-19		08		75
S-20		08		75
S-21		08		75
S-05		09		75
S-06		09		75
S-07		09		75
S-08		09		75
S-09		09		75
S-19		09		75
S-20		09		75
S-21		09		75
S-05		10		75
S-06		10		75
S-07		10		75
S-08		10		75
S-09		10		75
S-19		10		75
S-20		10		75
S-21		10		75
S-05		11		75
S-06		11		75
S-07		11		75
S-08		11		75
S-09		11		75
S-19		11		75
S-20		11		75
S-21		11		75
S-05		12		75
S-06		12		75
S-07		12		75
S-08		12		75
S-09		12		75
S-19		12		75
S-20		12		75
S-21		12		75

PLUTONIUM IN ONSITE AMBIENT AIR - 1976

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	01-JAN-76	31-JAN-76	1	44000		0.000049
S-06	01-JAN-76	31-JAN-76	1	58000		0.000080
S-07	01-JAN-76	31-JAN-76	1	45000		0.000175
S-08	01-JAN-76	31-JAN-76	1	52000		0.000182
S-09	01-JAN-76	31-JAN-76	1	42000		0.000272
S-19	01-JAN-76	31-JAN-76	1	55000		0.000038
S-20	01-JAN-76	31-JAN-76	1	38000		0.000030
S-21	01-JAN-76	31-JAN-76	1	50000		0.000015
S-05	01-FEB-76	29-FEB-76	4	43000		0.000097
S-06	01-FEB-76	29-FEB-76	4	46000		0.000392
S-07	01-FEB-76	29-FEB-76	4	44000		0.000262
S-08	01-FEB-76	29-FEB-76	4	41000		0.000439
S-09	01-FEB-76	29-FEB-76	4	43000		0.000571
S-19	01-FEB-76	29-FEB-76	4	44000		0.000065
S-20	01-FEB-76	29-FEB-76	3	28000		0.000031
S-21	01-FEB-76	29-FEB-76	4	40000		0.000024
S-05	01-MAR-76	31-MAR-76	3	43000		0.000037
S-06	01-MAR-76	31-MAR-76	2	24000		0.000157
S-07	01-MAR-76	31-MAR-76	3	43000		0.000353
S-08	01-MAR-76	31-MAR-76	2	21000		0.000298
S-09	01-MAR-76	31-MAR-76	2	20000		0.000965
S-19	01-MAR-76	31-MAR-76	2	22000		0.000016
S-20	01-MAR-76	31-MAR-76	3	36000		0.000021
S-21	01-MAR-76	31-MAR-76	3	41000		0.000020
S-05	01-APR-76	30-APR-76	2	42000		0.000052
S-06	01-APR-76	30-APR-76	2	45000		0.000058
S-07	01-APR-76	30-APR-76	2	46000		0.000666
S-08	01-APR-76	30-APR-76	2	44000		0.000324
S-09	01-APR-76	30-APR-76	2	39000		0.000597
S-19	01-APR-76	30-APR-76	2	45000		0.000016
S-20	01-APR-76	30-APR-76	2	36000		0.000022
S-21	01-APR-76	30-APR-76	2	29000		0.000035
S-05	01-MAY-76	31-MAY-76	2	42000		0.000027
S-06	01-MAY-76	31-MAY-76	2	45000		0.000055
S-07	01-MAY-76	31-MAY-76	2	40000		0.001277
S-08	01-MAY-76	31-MAY-76	2	38000		0.000447
S-09	01-MAY-76	31-MAY-76	2	40000		0.000763
S-19	01-MAY-76	31-MAY-76	2	42000		0.000032
S-20	01-MAY-76	31-MAY-76	2	35000		0.000019
S-21	01-MAY-76	31-MAY-76	2	38000		0.000016
S-05	01-JUN-76	30-JUN-76	2	41000		0.000121
S-06	01-JUN-76	30-JUN-76	2	46000		0.000170
S-07	01-JUN-76	30-JUN-76	2	42000		0.000554
S-08	01-JUN-76	30-JUN-76	2	38000		0.000437
S-09	01-JUN-76	30-JUN-76	2	41000		0.001086
S-19	01-JUN-76	30-JUN-76	2	42000		0.000134
S-20	01-JUN-76	30-JUN-76	2	34000		0.000021
S-21	01-JUN-76	30-JUN-76	2	38000		0.000020
S-05	01-JUL-76	31-JUL-76	2	40000		0.000066
S-06	01-JUL-76	31-JUL-76	1	22000		0.000131
S-07	01-JUL-76	31-JUL-76	4	40000		0.000232
S-08	01-JUL-76	31-JUL-76	4	36000		0.000275
S-09	01-JUL-76	31-JUL-76	2	19000		0.000299
S-19	01-JUL-76	31-JUL-76	2	42000		0.000150

PLUTONIUM IN ONSITE AMBIENT AIR - 1976

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05		01	76	
S-06		01	76	
S-07		01	76	
S-08		01	76	
S-09		01	76	
S-19		01	76	
S-20		01	76	
S-21		01	76	
S-05		02	76	
S-06		02	76	
S-07		02	76	
S-08		02	76	
S-09		02	76	
S-19		02	76	
S-20		02	76	
S-21		02	76	
S-05		03	76	
S-06		03	76	
S-07		03	76	
S-08		03	76	
S-09		03	76	
S-19		03	76	
S-20		03	76	
S-21		03	76	
S-05		04	76	
S-06		04	76	
S-07		04	76	
S-08		04	76	
S-09		04	76	
S-19		04	76	
S-20		04	76	
S-21		04	76	
S-05		05	76	
S-06		05	76	
S-07		05	76	
S-08		05	76	
S-09		05	76	
S-19		05	76	
S-20		05	76	
S-21		05	76	
S-05		06	76	
S-06		06	76	
S-07		06	76	
S-08		06	76	
S-09		06	76	
S-19		06	76	
S-20		06	76	
S-21		06	76	
S-05		07	76	
S-06		07	76	
S-07		07	76	
S-08		07	76	
S-09		07	76	
S-19		07	76	

PLUTONIUM IN ONSITE AMBIENT AIR - 1976

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-20	01-JUL-76	31-JUL-76	2	34000		0.000055
S-21	01-JUL-76	31-JUL-76	2	40000		0.000016
S-05	01-AUG-76	31-AUG-76	2	41000		0.000101
S-06	01-AUG-76	31-AUG-76	2	45000		0.000097
S-07	01-AUG-76	31-AUG-76	4	40000		0.000231
S-08	01-AUG-76	31-AUG-76	4	37000		0.000377
S-09	01-AUG-76	31-AUG-76	4	39000		0.001641
S-19	01-AUG-76	31-AUG-76	2	40000		0.000034
S-20	01-AUG-76	31-AUG-76	2	34000		0.000073
S-21	01-AUG-76	31-AUG-76	2	37000		0.000054
S-05	01-SEP-76	30-SEP-76	2	52000		0.000149
S-06	01-SEP-76	30-SEP-76	2	45000		0.000050
S-07	01-SEP-76	30-SEP-76	4	41000		0.000310
S-08	01-SEP-76	30-SEP-76	4	36000		0.000702
S-09	01-SEP-76	30-SEP-76	4	38000		0.001179
S-19	01-SEP-76	30-SEP-76	2	42000		0.000034
S-20	01-SEP-76	30-SEP-76	2	45000		0.000039
S-21	01-SEP-76	30-SEP-76	2	38000		0.000013
S-05	01-OCT-76	31-OCT-76	2	42000		0.000746
S-06	01-OCT-76	31-OCT-76	2	46000		0.000182
S-07	01-OCT-76	31-OCT-76	4	41000		0.001064
S-08	01-OCT-76	31-OCT-76	4	38000		0.001156
S-09	01-OCT-76	31-OCT-76	4	41000		0.003508
S-19	01-OCT-76	31-OCT-76	2	43000		0.000107
S-20	01-OCT-76	31-OCT-76	2	35000		0.000143
S-21	01-OCT-76	31-OCT-76	2	41000		0.000069
S-05	01-NOV-76	30-NOV-76	4			0.003921
S-06	01-NOV-76	30-NOV-76	3			0.002723
S-07	01-NOV-76	30-NOV-76	5			0.000997
S-08	01-NOV-76	30-NOV-76	5			0.001324
S-09	01-NOV-76	30-NOV-76	5			0.003096
S-19	01-NOV-76	30-NOV-76	3			0.000174
S-20	01-NOV-76	30-NOV-76	3			0.002551
S-21	01-NOV-76	30-NOV-76	3			0.000294
S-05	01-DEC-76	31-DEC-76	2			0.000777
S-06	01-DEC-76	31-DEC-76	2			0.000358
S-07	01-DEC-76	31-DEC-76	2			0.000238
S-08	01-DEC-76	31-DEC-76	2			0.000080
S-09	01-DEC-76	31-DEC-76	2			0.000698
S-19	01-DEC-76	31-DEC-76	2			0.000040
S-20	01-DEC-76	31-DEC-76	2			0.000075
S-21	01-DEC-76	31-DEC-76	2			0.000024

PLUTONIUM IN ONSITE AMBIENT AIR - 1976

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-20		07	76	
S-21		07	76	
S-05		08	76	
S-06		08	76	
S-07		08	76	
S-08		08	76	
S-09		08	76	
S-19		08	76	
S-20		08	76	
S-21		08	76	
S-05		09	76	
S-06		09	76	
S-07		09	76	
S-08		09	76	
S-09		09	76	
S-19		09	76	
S-20		09	76	
S-21		09	76	
S-05		10	76	
S-06		10	76	
S-07		10	76	
S-08		10	76	
S-09		10	76	
S-19		10	76	
S-20		10	76	
S-21		10	76	
S-05		11	76	
S-06		11	76	
S-07		11	76	
S-08		11	76	
S-09		11	76	
S-19		11	76	
S-20		11	76	
S-21		11	76	
S-05		12	76	
S-06		12	76	
S-07		12	76	
S-08		12	76	
S-09		12	76	
S-19		12	76	
S-20		12	76	
S-21		12	76	

PLUTONIUM IN ONSITE AMBIENT AIR - 1977

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-02	01-JAN-77	31-JAN-77	3			0.000051
S-03	01-JAN-77	31-JAN-77	3			0.000011
S-04	01-JAN-77	31-JAN-77	3			0.000099
S-05	01-JAN-77	31-JAN-77	3			0.000386
S-06	01-JAN-77	31-JAN-77	3			0.000688
S-07	01-JAN-77	31-JAN-77	3			0.000186
S-08	01-JAN-77	31-JAN-77	3			0.000392
S-09	01-JAN-77	31-JAN-77	3			0.000867
S-10	01-JAN-77	31-JAN-77	3			0.000014
S-11	01-JAN-77	31-JAN-77	3			0.000021
S-12	01-JAN-77	31-JAN-77	3			0.000019
S-13	01-JAN-77	31-JAN-77	3			0.000009
S-14	01-JAN-77	31-JAN-77	3			0.000010
S-15	01-JAN-77	31-JAN-77	3			0.000010
S-16	01-JAN-77	31-JAN-77	3			0.000009
S-17	01-JAN-77	31-JAN-77	3			0.000019
S-18	01-JAN-77	31-JAN-77	3			0.000022
S-19	01-JAN-77	31-JAN-77	3			0.000030
S-20	01-JAN-77	31-JAN-77	3			0.000273
S-21	01-JAN-77	31-JAN-77	3			0.000035
S-22	01-JAN-77	31-JAN-77	3			0.000009
S-23	01-JAN-77	31-JAN-77	3			0.000014
S-24	01-JAN-77	31-JAN-77	2			0.000011
S-02	01-FEB-77	28-FEB-77	2			0.000012
S-03	01-FEB-77	28-FEB-77	2			0.000055
S-04	01-FEB-77	28-FEB-77	2			0.000018
S-05	01-FEB-77	28-FEB-77	2			0.000235
S-06	01-FEB-77	28-FEB-77	2			0.001010
S-07	01-FEB-77	28-FEB-77	2			0.000230
S-08	01-FEB-77	28-FEB-77	1			0.000160
S-09	01-FEB-77	28-FEB-77	2			0.000474
S-10	01-FEB-77	28-FEB-77	2			0.000029
S-11	01-FEB-77	28-FEB-77	2			0.000011
S-12	01-FEB-77	28-FEB-77	2			0.000022
S-13	01-FEB-77	28-FEB-77	2			0.000009
S-14	01-FEB-77	28-FEB-77	2			0.000009
S-15	01-FEB-77	28-FEB-77	2			0.000014
S-16	01-FEB-77	28-FEB-77	2			0.000029
S-17	01-FEB-77	28-FEB-77	2			0.000014
S-18	01-FEB-77	28-FEB-77	2			0.000012
S-19	01-FEB-77	28-FEB-77	2			0.000024
S-20	01-FEB-77	28-FEB-77	2			0.000102
S-21	01-FEB-77	28-FEB-77	2			0.000135
S-22	01-FEB-77	28-FEB-77	2			0.000010
S-23	01-FEB-77	28-FEB-77	2			0.000009
S-24	01-FEB-77	28-FEB-77	2			0.000014
S-05	01-MAR-77	31-MAR-77	2			0.000131
S-06	01-MAR-77	31-MAR-77	2			0.000369
S-07	01-MAR-77	31-MAR-77	2			0.000082
S-08	01-MAR-77	31-MAR-77	2			0.000137
S-09	01-MAR-77	31-MAR-77	2			0.000213
S-19	01-MAR-77	31-MAR-77	2			0.000025
S-21	01-MAR-77	31-MAR-77	2			0.000030
S-05	01-APR-77	30-APR-77	2	34000		0.000132

PLUTONIUM IN ONSITE AMBIENT AIR - 1977

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-02		01	77	
S-03		01	77	
S-04		01	77	
S-05		01	77	
S-06		01	77	
S-07		01	77	
S-08		01	77	
S-09		01	77	
S-10		01	77	
S-11		01	77	
S-12		01	77	
S-13		01	77	
S-14		01	77	
S-15		01	77	
S-16		01	77	
S-17		01	77	
S-18		01	77	
S-19		01	77	
S-20		01	77	
S-21		01	77	
S-22		01	77	
S-23		01	77	
S-24		01	77	
S-02		02	77	
S-03		02	77	
S-04		02	77	
S-05		02	77	
S-06		02	77	
S-07		02	77	
S-08		02	77	
S-09		02	77	
S-10		02	77	
S-11		02	77	
S-12		02	77	
S-13		02	77	
S-14		02	77	
S-15		02	77	
S-16		02	77	
S-17		02	77	
S-18		02	77	
S-19		02	77	
S-20		02	77	
S-21		02	77	
S-22		02	77	
S-23		02	77	
S-24		02	77	
S-05		03	77	
S-06		03	77	
S-07		03	77	
S-08		03	77	
S-09		03	77	
S-19		03	77	
S-21		03	77	
S-05		04	77	

PLUTONIUM IN ONSITE AMBIENT AIR - 1977

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-06	01-APR-77	30-APR-77	2	39000		0.000060
S-07	01-APR-77	30-APR-77	2	39000		0.000126
S-08	01-APR-77	30-APR-77	2	38000		0.000234
S-09	01-APR-77	30-APR-77	2	35000		0.000251
S-19	01-APR-77	30-APR-77	2	40000		0.000080
S-20	01-APR-77	30-APR-77	2	34000		0.000040
S-21	01-APR-77	30-APR-77	2	33000		0.000020
S-05	01-MAY-77	31-MAY-77	2	38000		0.000146
S-06	01-MAY-77	31-MAY-77	2	40000		0.000572
S-07	01-MAY-77	31-MAY-77	2	37000		0.000225
S-08	01-MAY-77	31-MAY-77	2	36000		0.000286
S-09	01-MAY-77	31-MAY-77	2	33000		0.000243
S-19	01-MAY-77	31-MAY-77	2	40000		0.000250
S-20	01-MAY-77	31-MAY-77	2	33000		0.000098
S-21	01-MAY-77	31-MAY-77	2	35000		0.000119
S-05	01-JUN-77	30-JUN-77	3	54000		0.000160
S-06	01-JUN-77	30-JUN-77	2	39000		0.000157
S-07	01-JUN-77	30-JUN-77	2	38000		0.000208
S-08	01-JUN-77	30-JUN-77	2	36000		0.000359
S-09	01-JUN-77	30-JUN-77	2	34000		0.000506
S-19	01-JUN-77	30-JUN-77	2	38000		0.000062
S-20	01-JUN-77	30-JUN-77	2	32000		0.000048
S-21	01-JUN-77	30-JUN-77	2	35000		0.000073
S-05	01-JUL-77	31-JUL-77	2	33000		0.000150
S-06	01-JUL-77	31-JUL-77	3	56000		0.000180
S-07	01-JUL-77	31-JUL-77	3	54000		0.000230
S-08	01-JUL-77	31-JUL-77	3	54000		0.000350
S-09	01-JUL-77	31-JUL-77	2	31000		0.000430
S-19	01-JUL-77	31-JUL-77	2	39000		0.000060
S-20	01-JUL-77	31-JUL-77	2	30000		0.000110
S-21	01-JUL-77	31-JUL-77	2	33000		0.000070
S-05	01-AUG-77	31-AUG-77	2	36000		0.000060
S-06	01-AUG-77	31-AUG-77	2	39000		0.000160
S-07	01-AUG-77	31-AUG-77	2	37000		0.000220
S-08	01-AUG-77	31-AUG-77	1	18000		0.000600
S-09	01-AUG-77	31-AUG-77	1	17000		0.000340
S-19	01-AUG-77	31-AUG-77	2	38000		0.000060
S-20	01-AUG-77	31-AUG-77	2	32000		0.000050
S-21	01-AUG-77	31-AUG-77	2	34000		0.000050
S-05	01-AUG-77	31-AUG-77	2	35000		0.000630
S-06	01-AUG-77	31-AUG-77	2	39000		0.000230
S-07	01-AUG-77	31-AUG-77	2	38000		0.000380
S-08	01-AUG-77	31-AUG-77	2	34000		0.000610
S-09	01-AUG-77	31-AUG-77	1	16000		0.000400
S-19	01-AUG-77	31-AUG-77	3	57000		0.000070
S-20	01-AUG-77	31-AUG-77	3	40000		0.000110
S-21	01-AUG-77	31-AUG-77	2	33000		0.000060
S-05	01-OCT-77	31-OCT-77	2	35000		0.000140
S-06	01-OCT-77	31-OCT-77	2	38000		0.000180
S-07	01-OCT-77	31-OCT-77	2	37000		0.000230
S-08	01-OCT-77	31-OCT-77	2	37000		0.000410
S-09	01-OCT-77	31-OCT-77	2	34000		0.000560
S-19	01-OCT-77	31-OCT-77	2	30000		0.000050
S-20	01-OCT-77	31-OCT-77	2	33000		0.000070

PLUTONIUM IN ONSITE AMBIENT AIR - 1977

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-06		04	77	
S-07		04	77	
S-08		04	77	
S-09		04	77	
S-19		04	77	
S-20		04	77	
S-21		04	77	
S-05		05	77	
S-06		05	77	
S-07		05	77	
S-08		05	77	
S-09		05	77	
S-19		05	77	
S-20		05	77	
S-21		05	77	
S-05		06	77	
S-06		06	77	
S-07		06	77	
S-08		06	77	
S-09		06	77	
S-19		06	77	
S-20		06	77	
S-21		06	77	
S-05		07	77	
S-06		07	77	
S-07		07	77	
S-08		07	77	
S-09		07	77	
S-19		07	77	
S-20		07	77	
S-21		07	77	
S-05		08	77	
S-06		08	77	
S-07		08	77	
S-08		08	77	
S-09		08	77	
S-19		08	77	
S-20		08	77	
S-21		08	77	
S-05		09	77	
S-06		09	77	
S-07		09	77	
S-08		09	77	
S-09		09	77	
S-19		09	77	
S-20		09	77	
S-21		09	77	
S-05		10	77	
S-06		10	77	
S-07		10	77	
S-08		10	77	
S-09		10	77	
S-19		10	77	
S-20		10	77	

PLUTONIUM IN ONSITE AMBIENT AIR - 1977

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-21	01-OCT-77	31-OCT-77	2	34000		0.000070
S-05	01-NOV-77	30-NOV-77	2	35000		0.000100
S-06	01-NOV-77	30-NOV-77	2	37000		0.000240
S-07	01-NOV-77	30-NOV-77	2	37000		0.000180
S-08	01-NOV-77	30-NOV-77	2	36000		0.000440
S-09	01-NOV-77	30-NOV-77	2	35000		0.000560
S-19	01-NOV-77	30-NOV-77	2	40000		0.000040
S-20	01-NOV-77	30-NOV-77	2	34000		0.000040
S-21	01-NOV-77	30-NOV-77	2	35000		0.000040
S-05	01-DEC-77	31-DEC-77	2	35000		0.000500
S-06	01-DEC-77	31-DEC-77	2	36000		0.000510
S-07	01-DEC-77	31-DEC-77	2	38000		0.000700
S-08	01-DEC-77	31-DEC-77	2	35000		0.002440
S-09	01-DEC-77	31-DEC-77	2	36000		0.001950
S-19	01-DEC-77	31-DEC-77	2	39000		0.000130
S-20	01-DEC-77	31-DEC-77	2	35000		0.000080
S-21	01-DEC-77	31-DEC-77	2	34000		0.000050

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
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S-21			10	77
S-05			11	77
S-06			11	77
S-07			11	77
S-08			11	77
S-09			11	77
S-19			11	77
S-20			11	77
S-21			11	77
S-05			12	77
S-06			12	77
S-07			12	77
S-08			12	77
S-09			12	77
S-19			12	77
S-20			12	77
S-21			12	77

PLUTONIUM IN ONSITE AMBIENT AIR - 1978

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	19-DEC-77	23-JAN-78	2	47000		0.00021
S-06	19-DEC-77	23-JAN-78	2	50000		0.00033
S-07	19-DEC-77	23-JAN-78	2	51000		0.00021
S-08	19-DEC-77	23-JAN-78	2	48000		0.00261
S-09	19-DEC-77	23-JAN-78	2	46000		0.00110
S-19	19-DEC-77	23-JAN-78	2	51000		0.00004
S-20	19-DEC-77	23-JAN-78	2	45000		0.00008
S-21	19-DEC-77	23-JAN-78	2	48000		0.00005
S-05	23-JAN-78	28-FEB-78	2	36000		0.00008
S-06	23-JAN-78	28-FEB-78	2	38000		0.00016
S-07	23-JAN-78	28-FEB-78	2	38000		0.00013
S-08	23-JAN-78	28-FEB-78	2	36000		0.00020
S-09	23-JAN-78	28-FEB-78	2	35000		0.00030
S-19	23-JAN-78	28-FEB-78	2	38000		0.00004
S-20	23-JAN-78	28-FEB-78	2	34000		0.00005
S-21	23-JAN-78	28-FEB-78	2	36000		0.00008
S-05	01-MAR-78	31-MAR-78	2	35000		0.00017
S-06	01-MAR-78	31-MAR-78	2	38000		0.00017
S-07	01-MAR-78	31-MAR-78	2	39000		0.00018
S-08	01-MAR-78	31-MAR-78	2	37000		0.00022
S-09	01-MAR-78	31-MAR-78	2	35000		0.00044
S-19	01-MAR-78	31-MAR-78	2	38000		0.00011
S-20	01-MAR-78	31-MAR-78	2	34000		0.00012
S-21	01-MAR-78	31-MAR-78	2	36000		0.00009
S-02	01-APR-78	30-APR-78	3	50000		0.00013
S-05	01-APR-78	30-APR-78	3	52000		0.00030
S-06	01-APR-78	30-APR-78	3	56000		0.00080
S-07	01-APR-78	30-APR-78	3	54000		0.00054
S-08	01-APR-78	30-APR-78	3	54000		0.00077
S-09	01-APR-78	30-APR-78	3	50000		0.00129
S-15	01-APR-78	30-APR-78	3	40000		0.00019
S-16	01-APR-78	30-APR-78	3	50000		0.00013
S-19	01-APR-78	30-APR-78	3	55000		0.00025
S-20	01-APR-78	30-APR-78	3	52000		0.00017
S-21	01-APR-78	30-APR-78	3	50000		0.00017
S-02	01-MAY-78	31-MAY-78	2	34000		0.00010
S-05	01-MAY-78	31-MAY-78	2	37000		0.00011
S-06	01-MAY-78	31-MAY-78	2	39000		0.00012
S-07	01-MAY-78	31-MAY-78	2	39000		0.00015
S-08	01-MAY-78	31-MAY-78	2	38000		0.00025
S-09	01-MAY-78	31-MAY-78	2	35000		0.00029
S-15	01-MAY-78	31-MAY-78	2	29000		0.00010
S-16	01-MAY-78	31-MAY-78	2	34000		0.00013
S-19	01-MAY-78	31-MAY-78	2	38000		0.00025
S-20	01-MAY-78	31-MAY-78	2	35000		0.00013
S-21	01-MAY-78	31-MAY-78	2	36000		0.00007
S-02	01-JUN-78	30-JUN-78	2	29000		0.00005
S-05	01-JUN-78	30-JUN-78	2	32000		0.00009
S-06	01-JUN-78	30-JUN-78	2	35000		0.00010
S-07	01-JUN-78	30-JUN-78	2	34000		0.00014
S-08	01-JUN-78	30-JUN-78	2	34000		0.00004
S-09	01-JUN-78	30-JUN-78	2	32000		0.00031
S-15	01-JUN-78	30-JUN-78	2	25000		0.00021
S-16	01-JUN-78	30-JUN-78	2	29000		0.00011

PLUTONIUM IN ONSITE AMBIENT AIR - 1978

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05		01	78	
S-06		01	78	
S-07		01	78	
S-08		01	78	
S-09		01	78	
S-19		01	78	
S-20		01	78	
S-21		01	78	
S-05		02	78	
S-06		02	78	
S-07		02	78	
S-08		02	78	
S-09		02	78	
S-19		02	78	
S-20		02	78	
S-21		02	78	
S-05		03	78	
S-06		03	78	
S-07		03	78	
S-08		03	78	
S-09		03	78	
S-19		03	78	
S-20		03	78	
S-21		03	78	
S-02		04	78	
S-05		04	78	
S-06		04	78	
S-07		04	78	
S-08		04	78	
S-09		04	78	
S-15		04	78	
S-16		04	78	
S-19		04	78	
S-20		04	78	
S-21		04	78	
S-02		05	78	
S-05		05	78	
S-06		05	78	
S-07		05	78	
S-08		05	78	
S-09		05	78	
S-15		05	78	
S-16		05	78	
S-19		05	78	
S-20		05	78	
S-21		05	78	
S-02		06	78	
S-05		06	78	
S-06		06	78	
S-07		06	78	
S-08		06	78	
S-09		06	78	
S-15		06	78	
S-16		06	78	

PLUTONIUM IN ONSITE AMBIENT AIR - 1978

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-19	01-JUN-78	30-JUN-78	2	35000		0.00013
S-20	01-JUN-78	30-JUN-78	2	31000		0.00013
S-21	01-JUN-78	30-JUN-78	2	33000		0.00008
S-02	01-JUL-78	31-JUL-78	2	31000		0.00004
S-05	01-JUL-78	31-JUL-78	2	35000		0.00014
S-06	01-JUL-78	31-JUL-78	2	37000		0.00054
S-07	01-JUL-78	31-JUL-78	2	37000		0.00024
S-08	01-JUL-78	31-JUL-78	2	35000		0.00045
S-09	01-JUL-78	31-JUL-78	2	33000		0.00096
S-15	01-JUL-78	31-JUL-78	2	24000		0.00007
S-16	01-JUL-78	31-JUL-78	2	32000		0.00036
S-19	01-JUL-78	31-JUL-78	2	36000		0.00020
S-20	01-JUL-78	31-JUL-78	2	32000		0.00007
S-21	01-JUL-78	31-JUL-78	2	34000		0.00007
S-02	24-JUL-78	21-AUG-78	2	30000		0.00005
S-05	24-JUL-78	21-AUG-78	2	34000		0.00013
S-06	24-JUL-78	21-AUG-78	2	36000		0.00026
S-07	24-JUL-78	21-AUG-78	2	36000		0.00042
S-08	24-JUL-78	21-AUG-78	2	34000		0.00049
S-09	24-JUL-78	21-AUG-78	2	31000		0.00087
S-15	24-JUL-78	21-AUG-78	2	25000		0.00006
S-16	24-JUL-78	21-AUG-78	2	31000		0.00004
S-19	24-JUL-78	21-AUG-78	2	36000		0.00011
S-20	24-JUL-78	21-AUG-78	2	34000		0.00014
S-21	24-JUL-78	21-AUG-78	2	33000		0.00006
S-02	21-AUG-78	02-OCT-78	3	45000		0.00003
S-05	21-AUG-78	02-OCT-78	3	51000		0.00011
S-06	21-AUG-78	02-OCT-78	3	55000		0.00013
S-07	21-AUG-78	02-OCT-78	3	54000		0.00039
S-08	21-AUG-78	02-OCT-78	3	51000		0.00054
S-09	21-AUG-78	02-OCT-78	3	48000		0.00061
S-15	21-AUG-78	02-OCT-78	3	36000		0.00004
S-16	21-AUG-78	02-OCT-78	3	48000		0.00009
S-19	21-AUG-78	02-OCT-78	3	54000		0.00014
S-20	21-AUG-78	02-OCT-78	3	48000		0.00008
S-21	21-AUG-78	02-OCT-78	3	49000		0.00005
S-02	02-OCT-78	30-OCT-78	2	33000	0	0.00002
S-05	02-OCT-78	30-OCT-78	2	35000		0.00007
S-06	02-OCT-78	30-OCT-78	2	38000		0.00014
S-07	02-OCT-78	30-OCT-78	2	38000		0.00026
S-08	02-OCT-78	30-OCT-78	2	37000		0.00060
S-09	02-OCT-78	30-OCT-78	2	34000		0.00090
S-15	02-OCT-78	30-OCT-78	2	27000		0.00003
S-16	02-OCT-78	30-OCT-78	2	34000	0	0.00002
S-19	02-OCT-78	30-OCT-78	2	37000		0.00029
S-20	02-OCT-78	30-OCT-78	2	34000		0.00004
S-21	02-OCT-78	30-OCT-78	2	35000		0.00003
S-02	30-OCT-78	27-NOV-78	2	35000		0.00003
S-05	30-OCT-78	27-NOV-78	2	37000		0.00009
S-06	30-OCT-78	27-NOV-78	2	39000		0.00007
S-07	30-OCT-78	27-NOV-78	2	38000		0.00012
S-08	30-OCT-78	27-NOV-78	2	38000		0.00068
S-09	30-OCT-78	27-NOV-78	2	35000		0.00123
S-15	30-OCT-78	27-NOV-78	2	29000		0.00002

PLUTONIUM IN ONSITE AMBIENT AIR - 1978

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-19		06	78	
S-20		06	78	
S-21		06	78	
S-02		07	78	
S-05		07	78	
S-06		07	78	
S-07		07	78	
S-08		07	78	
S-09		07	78	
S-15		07	78	
S-16		07	78	
S-19		07	78	
S-20		07	78	
S-21		07	78	
S-02		08	78	
S-05		08	78	
S-06		08	78	
S-07		08	78	
S-08		08	78	
S-09		08	78	
S-15		08	78	
S-16		08	78	
S-19		08	78	
S-20		08	78	
S-21		08	78	
S-02	0.00002	<	10	78
S-05			10	78
S-06			10	78
S-07			10	78
S-08			10	78
S-09			10	78
S-15			10	78
S-16	0.00002	<	10	78
S-19			10	78
S-20			10	78
S-21			10	78
S-02			11	78
S-05			11	78
S-06			11	78
S-07			11	78
S-08			11	78
S-09			11	78
S-15			11	78

PLUTONIUM IN ONSITE AMBIENT AIR - 1978

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-16	30-OCT-78	27-NOV-78	2	36000		0.00002
S-19	30-OCT-78	27-NOV-78	2	40000		0.00005
S-20	30-OCT-78	27-NOV-78	2	35000		0.00004
S-21	30-OCT-78	27-NOV-78	2	36000		0.00014
S-02	27-NOV-78	08-JAN-79	3	53000	0	0.00002
S-05	27-NOV-78	08-JAN-79	3	54000		0.00012
S-06	27-NOV-78	08-JAN-79	3	54000		0.00022
S-07	27-NOV-78	08-JAN-79	3	57000		0.00033
S-08	27-NOV-78	08-JAN-79	2	27000		0.00177
S-09	27-NOV-78	08-JAN-79	3	51000		0.00164
S-15	27-NOV-78	08-JAN-79	3	51000		0.00002
S-16	27-NOV-78	08-JAN-79	3	52000		0.00003
S-19	27-NOV-78	08-JAN-79	3	55000		0.00005
S-20	27-NOV-78	08-JAN-79	3	51000		0.00003
S-21	27-NOV-78	08-JAN-79	3	54000		0.00003

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-16			11	78
S-19			11	78
S-20			11	78
S-21			11	78
S-02	0.00002	<	12	78
S-05			12	78
S-06			12	78
S-07			12	78
S-08			12	78
S-09			12	78
S-15			12	78
S-16			12	78
S-19			12	78
S-20			12	78
S-21			12	78

PLUTONIUM IN ONSITE AMBIENT AIR - 1979

LOCATION	DATE ON	DATE OFF	N	VOLUME (m³)	LCL (pCi/m³)	PT. EST. CONC. (pCi/m³)
S-02	08-JAN-79	05-FEB-79	2	21000		0.00003
S-05	08-JAN-79	05-FEB-79	2	37000		0.00006
S-06	08-JAN-79	05-FEB-79	2	38000		0.00018
S-07	08-JAN-79	05-FEB-79	2	38000		0.00061
S-08	08-JAN-79	05-FEB-79	2	38000		0.00027
S-09	08-JAN-79	05-FEB-79	2	35000		0.00040
S-15	08-JAN-79	05-FEB-79	2	28000		0.00002
S-16	08-JAN-79	05-FEB-79	2	37000		0.00002
S-19	08-JAN-79	05-FEB-79	2	39000		0.00003
S-20	08-JAN-79	05-FEB-79	2	35000		0.00002
S-21	08-JAN-79	05-FEB-79	2	36000		0.00002
S-02	05-FEB-79	05-MAR-79	2	37000		0.00002
S-05	05-FEB-79	05-MAR-79	2	37000		0.00004
S-06	05-FEB-79	05-MAR-79	2	39000		0.00005
S-07	05-FEB-79	05-MAR-79	2	39000		0.00007
S-08	05-FEB-79	05-MAR-79	2	40000		0.00013
S-09	05-FEB-79	05-MAR-79	2	36000		0.00010
S-15	05-FEB-79	05-MAR-79	2	29000		0.00006
S-16	05-FEB-79	05-MAR-79	2	37000		0.00004
S-19	05-FEB-79	05-MAR-79	2	40000		0.00010
S-20	05-FEB-79	05-MAR-79	2	36000		0.00040
S-21	05-FEB-79	05-MAR-79	2	36000		0.00020
S-05	05-MAR-79	02-APR-79	2	36000		0.00017
S-06	05-MAR-79	02-APR-79	2	39000		0.00013
S-07	05-MAR-79	02-APR-79	2	39000		0.00028
S-08	05-MAR-79	02-APR-79	2	39000		0.00024
S-09	05-MAR-79	02-APR-79	2	36000		0.00029
S-16	05-MAR-79	02-APR-79	2	36000		0.00002
S-19	05-MAR-79	02-APR-79	2	39000		0.00003
S-20	05-MAR-79	02-APR-79	2	35000		0.00002
S-21	05-MAR-79	02-APR-79	2	36000		0.00002
S-05	02-APR-79	30-APR-79	2	36000		0.00005
S-06	02-APR-79	30-APR-79	2	39000		0.00010
S-07	02-APR-79	30-APR-79	2	37000		0.00072
S-08	02-APR-79	30-APR-79	2	34000		0.00049
S-09	02-APR-79	30-APR-79	2	33000		0.00094
S-16	02-APR-79	30-APR-79	2	34000		0.00002
S-19	02-APR-79	30-APR-79	2	38000		0.00002
S-20	02-APR-79	30-APR-79	2	34000		0.00002
S-21	02-APR-79	30-APR-79	2	34000		0.00007
S-05	30-APR-79	04-JUN-79	2	43000		0.00004
S-06	30-APR-79	04-JUN-79	2	46000		0.00008
S-07	30-APR-79	04-JUN-79	2	43000		0.00021
S-08	30-APR-79	04-JUN-79	2	41000		0.00033
S-09	30-APR-79	04-JUN-79	2	40000		0.00034
S-16	30-APR-79	04-JUN-79	2	42000	0	0.00002
S-19	30-APR-79	04-JUN-79	2	48000		0.00004
S-20	30-APR-79	04-JUN-79	2	42000		0.00004
S-21	30-APR-79	04-JUN-79	2	42000		0.00003
S-05	04-JUN-79	02-JUL-89	2	34000		0.00014
S-06	04-JUN-79	02-JUL-89	2	37000		0.00024
S-07	04-JUN-79	02-JUL-89	2	36000		0.00054
S-08	04-JUN-79	02-JUL-89	2	32000		0.00143
S-09	04-JUN-79	02-JUL-89	2	32000		0.00105

PLUTONIUM IN ONSITE AMBIENT AIR - 1979

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-02			01	79
S-05			01	79
S-06			01	79
S-07			01	79
S-08			01	79
S-09			01	79
S-15			01	79
S-16			01	79
S-19			01	79
S-20			01	79
S-21			01	79
S-02			02	79
S-05			02	79
S-06			02	79
S-07			02	79
S-08			02	79
S-09			02	79
S-15			02	79
S-16			02	79
S-19			02	79
S-20			02	79
S-21			02	79
S-05			03	79
S-06			03	79
S-07			03	79
S-08			03	79
S-09			03	79
S-16			03	79
S-19			03	79
S-20			03	79
S-21			03	79
S-05			04	79
S-06			04	79
S-07			04	79
S-08			04	79
S-09			04	79
S-16			04	79
S-19			04	79
S-20			04	79
S-21			04	79
S-05			05	79
S-06			05	79
S-07			05	79
S-08			05	79
S-09			05	79
S-16	0.00002	<	05	79
S-19			05	79
S-20			05	79
S-21			05	79
S-05			06	79
S-06			06	79
S-07			06	79
S-08			06	79
S-09			06	79

PLUTONIUM IN ONSITE AMBIENT AIR - 1979

LOCATION	DATE ON	DATE OFF	N	VOLUME (m³)	LCL (pCi/m³)	PT. EST. CONC. (pCi/m³)
S-16	04-JUN-79	02-JUL-89	2	35000		0.00002
S-19	04-JUN-79	02-JUL-89	2	37000		0.00003
S-20	04-JUN-79	02-JUL-89	2	33000		0.00005
S-21	04-JUN-79	02-JUL-89	2	34000		0.00006
S-05	02-JUL-79	30-JUL-79	2	34000		0.00005
S-06	02-JUL-79	30-JUL-79	2	32000		0.00008
S-07	02-JUL-79	30-JUL-79	2	36000		0.00027
S-08	02-JUL-79	30-JUL-79	2	32000		0.00052
S-09	02-JUL-79	30-JUL-79	2	30000		0.00058
S-16	02-JUL-79	30-JUL-79	2	34000		0.00004
S-19	02-JUL-79	30-JUL-79	2	36000		0.00003
S-20	02-JUL-79	30-JUL-79	2	32000		0.00005
S-21	02-JUL-79	30-JUL-79	2	34000		0.00002
S-05	30-JUL-79	27-AUG-79	2	35000		0.00002
S-06	30-JUL-79	27-AUG-79	2	32000		0.00006
S-07	30-JUL-79	27-AUG-79	2	38000		0.00025
S-08	30-JUL-79	27-AUG-79	2	33000		0.00031
S-09	30-JUL-79	27-AUG-79	2	32000		0.00073
S-16	30-JUL-79	27-AUG-79	2	35000		0.00002
S-19	30-JUL-79	27-AUG-79	2	38000		0.00002
aapuos_75	30-JUL-79	27-AUG-79	2	33000		0.00033
aapuos_76	30-JUL-79	27-AUG-79	2	34000	0	0.00002
aapuos_77	27-AUG-79	24-SEP-79	2	35000		0.00002
aapuos_78	27-AUG-79	24-SEP-79	2	36000		0.00009
aapuos_79	27-AUG-79	24-SEP-79	2	37000		0.00021
S-08	27-AUG-79	24-SEP-79	2	33000		0.00054
S-09	27-AUG-79	24-SEP-79	2	31000		0.00074
S-16	27-AUG-79	24-SEP-79	2	34000		0.00002
S-19	27-AUG-79	24-SEP-79	2	37000		0.00004
S-20	27-AUG-79	24-SEP-79	2	28000	0	0.00002
S-21	27-AUG-79	24-SEP-79	2	33000	0	0.00002
S-05	24-SEP-79	22-OCT-79	2	36000		0.00005
S-06	24-SEP-79	22-OCT-79	2	37000		0.00019
S-07	24-SEP-79	22-OCT-79	2	38000		0.00018
S-08	24-SEP-79	22-OCT-79	2	34000		0.00036
S-09	24-SEP-79	22-OCT-79	2	33000		0.00054
S-16	24-SEP-79	22-OCT-79	2	35000	0	0.00002
S-19	24-SEP-79	22-OCT-79	2	38000	0	0.00002
S-20	24-SEP-79	22-OCT-79	2	33000		0.00003
S-21	24-SEP-79	22-OCT-79	2	36000		0.00003
S-05	22-OCT-79	03-DEC-79	3	58000		0.00012
S-06	22-OCT-79	03-DEC-79	3	65000		0.00003
S-07	22-OCT-79	03-DEC-79	3	61000		0.00012
S-08	22-OCT-79	03-DEC-79	3	60000		0.00017
S-09	22-OCT-79	03-DEC-79	3	56000		0.00024
S-16	22-OCT-79	03-DEC-79	3	58000	0	0.00002
S-19	22-OCT-79	03-DEC-79	3	53000		0.00002
S-20	22-OCT-79	03-DEC-79	3	53000	0	0.00002
S-21	22-OCT-79	03-DEC-79	3	61000	0	0.00002
S-05	03-DEC-79	02-JAN-80	2	35000		0.00013
S-06	03-DEC-79	02-JAN-80	2	42000		0.00004
S-07	03-DEC-79	02-JAN-80	2	37000		0.00020
S-08	03-DEC-79	02-JAN-80	2	41000		0.00042
S-09	03-DEC-79	02-JAN-80	2	44000		0.00018

PLUTONIUM IN ONSITE AMBIENT AIR - 1979

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-16			06	79
S-19			06	79
S-20			06	79
S-21			06	79
S-05			07	79
S-06			07	79
S-07			07	79
S-08			07	79
S-09			07	79
S-16			07	79
S-19			07	79
S-20			07	79
S-21			07	79
S-05			08	79
S-06			08	79
S-07			08	79
S-08			08	79
S-09			08	79
S-16			08	79
S-19			08	79
aapuos_75			08	79
aapuos_76	0.00002	<	08	79
aapuos_77			09	79
aapuos_78			09	79
aapuos_79			09	79
S-08			09	79
S-09			09	79
S-16			09	79
S-19			09	79
S-20	0.00002	<	09	79
S-21	0.00002	<	09	79
S-05			10	79
S-06			10	79
S-07			10	79
S-08			10	79
S-09			10	79
S-16	0.00002	<	10	79
S-19	0.00002	<	10	79
S-20			10	79
S-21			10	79
S-05			11	79
S-06			11	79
S-07			11	79
S-08			11	79
S-09			11	79
S-16	0.00002	<	11	79
S-19			11	79
S-20	0.00002	<	11	79
S-21	0.00002	<	11	79
S-05			12	79
S-06			12	79
S-07			12	79
S-08			12	79
S-09			12	79

PLUTONIUM IN ONSITE AMBIENT AIR - 1979

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-16	03-DEC-79	02-JAN-80	2	39000	0	0.00002
S-19	03-DEC-79	02-JAN-80	2	43000		0.00002
S-20	03-DEC-79	02-JAN-80	2	39000		0.00004
S-21	03-DEC-79	02-JAN-80	2	40000	0	0.00002

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-16	0.00002	<	12	79
S-19			12	79
S-20			12	79
S-21	0.00002	<	12	79

PLUTONIUM IN ONSITE AMBIENT AIR - 1980

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	02-JAN-80	28-JAN-80	2	32000	0.000000	0.000015
S-06	02-JAN-80	28-JAN-80	2	37000	0.000040	0.000047
S-07	02-JAN-80	28-JAN-80	2	37000	0.000090	0.000100
S-08	02-JAN-80	28-JAN-80	2	37000	0.000260	0.000280
S-09	02-JAN-80	28-JAN-80	2	36000	0.000180	0.000200
S-16	02-JAN-80	28-JAN-80	2	33000	0.000000	0.000005
S-19	02-JAN-80	28-JAN-80	2	37000	0.000006	0.000009
S-20	02-JAN-80	28-JAN-80	2	25000	0.000016	0.000022
S-21	02-JAN-80	28-JAN-80	2	34000	0.000006	0.000010
S-05	28-JAN-80	25-FEB-80	2	37000	0.000012	0.000016
S-06	28-JAN-80	25-FEB-80	2	36000	0.000025	0.000031
S-07	28-JAN-80	25-FEB-80	2	40000	0.000041	0.000047
S-08	28-JAN-80	25-FEB-80	2	39000	0.000225	0.000244
S-09	28-JAN-80	25-FEB-80	2	38000	0.000078	0.000089
S-16	28-JAN-80	25-FEB-80	2	35000	0.000005	0.000008
S-19	28-JAN-80	25-FEB-80	2	42000	0.000017	0.000022
S-20	28-JAN-80	25-FEB-80	2	33000	0.000006	0.000011
S-21	28-JAN-80	25-FEB-80	2	37000	0.000001	0.000005
S-05	25-FEB-80	24-MAR-80	2	38000	0.000019	0.000020
S-06	25-FEB-80	24-MAR-80	2	40000	0.000052	0.000053
S-07	25-FEB-80	24-MAR-80	2	42000	0.000121	0.000125
S-08	25-FEB-80	24-MAR-80	2	39000	0.000177	0.000181
S-09	25-FEB-80	24-MAR-80	2	38000	0.000244	0.000250
S-16	25-FEB-80	24-MAR-80	2	37000	0.000008	0.000009
S-19	25-FEB-80	24-MAR-80	2	41000	0.000035	0.000036
S-20	25-FEB-80	24-MAR-80	2	36000	0.000007	0.000008
S-21	25-FEB-80	24-MAR-80	2	38000	0.000009	0.000010
S-05	24-MAR-80	24-APR-80	2	38000	0.000015	0.000020
S-06	24-MAR-80	24-APR-80	2	39000	0.000076	0.000088
S-07	24-MAR-80	24-APR-80	2	41000	0.000008	0.000017
S-08	24-MAR-80	24-APR-80	2	37000	0.000190	0.000213
S-09	24-MAR-80	24-APR-80	2	39000	0.000231	0.000259
S-16	24-MAR-80	24-APR-80	2	39000	0.000004	0.000007
S-19	24-MAR-80	24-APR-80	2	41000	0.000008	0.000012
S-20	24-MAR-80	24-APR-80	2	35000	0.000008	0.000013
S-21	24-MAR-80	24-APR-80	2	39000	0.000002	0.000005
S-05	21-APR-80	02-JUN-80	3	54000	0.000092	0.000094
S-06	21-APR-80	02-JUN-80	3	55000	0.000064	0.000066
S-07	21-APR-80	02-JUN-80	3	51000	0.000321	0.000328
S-08	21-APR-80	02-JUN-80	3	46000	0.000771	0.000784
S-09	21-APR-80	02-JUN-80	3	46000	0.000643	0.000656
S-16	21-APR-80	02-JUN-80	3	54000	0.000031	0.000033
S-19	21-APR-80	02-JUN-80	3	57000	0.000032	0.000034
S-20	21-APR-80	02-JUN-80	3	49000	0.000036	0.000038
S-21	21-APR-80	02-JUN-80	3	52000	0.000038	0.000040
S-05	02-JUN-80	30-JUN-80	2	32000	0.000102	0.000103
S-06	02-JUN-80	30-JUN-80	2	31000	0.000194	0.000196
S-07	02-JUN-80	30-JUN-80	2	25000	0.001665	0.001676
S-08	02-JUN-80	30-JUN-80	2	27000	0.001726	0.001735
S-09	02-JUN-80	30-JUN-80	2	29000	0.001555	0.001564
S-16	02-JUN-80	30-JUN-80	2	30000	0.000062	0.000064
S-19	02-JUN-80	30-JUN-80	2	30000	0.000080	0.000082
S-20	02-JUN-80	30-JUN-80	2	30000	0.000041	0.000042
S-21	02-JUN-80	30-JUN-80	2	36000	0.000038	0.000046

PLUTONIUM IN ONSITE AMBIENT AIR - 1980

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-05	0.000015	<	01	80
S-06	0.000054	0.000007	01	80
S-07	0.000110	0.000010	01	80
S-08	0.000300	0.000020	01	80
S-09	0.000220	0.000020	01	80
S-16	0.000005	<	01	80
S-19	0.000012	0.000003	01	80
S-20	0.000028	0.000006	01	80
S-21	0.000014	0.000004	01	80
S-05	0.000020	0.000004	02	80
S-06	0.000037	0.000006	02	80
S-07	0.000053	0.000006	02	80
S-08	0.000263	0.000019	02	80
S-09	0.000100	0.000011	02	80
S-16	0.000011	0.000003	02	80
S-19	0.000027	0.000005	02	80
S-20	0.000016	0.000005	02	80
S-21	0.000009	0.000004	02	80
S-05	0.000021	0.000001	03	80
S-06	0.000054	0.000001	03	80
S-07	0.000129	0.000004	03	80
S-08	0.000185	0.000004	03	80
S-09	0.000256	0.000006	03	80
S-16	0.000010	0.000001	03	80
S-19	0.000037	0.000001	03	80
S-20	0.000009	0.000001	03	80
S-21	0.000011	0.000001	03	80
S-05	0.000025	0.000005	04	80
S-06	0.000100	0.000012	04	80
S-07	0.000026	0.000009	04	80
S-08	0.000236	0.000023	04	80
S-09	0.000287	0.000028	04	80
S-16	0.000010	0.000003	04	80
S-19	0.000016	0.000004	04	80
S-20	0.000018	0.000005	04	80
S-21	0.000008	0.000003	04	80
S-05	0.000096	0.000002	05	80
S-06	0.000068	0.000002	05	80
S-07	0.000335	0.000007	05	80
S-08	0.000797	0.000013	05	80
S-09	0.000669	0.000013	05	80
S-16	0.000035	0.000002	05	80
S-19	0.000036	0.000002	05	80
S-20	0.000040	0.000002	05	80
S-21	0.000042	0.000002	05	80
S-05	0.000104	0.000001	06	80
S-06	0.000198	0.000002	06	80
S-07	0.001687	0.000011	06	80
S-08	0.001744	0.000009	06	80
S-09	0.001573	0.000009	06	80
S-16	0.000066	0.000002	06	80
S-19	0.000084	0.000002	06	80
S-20	0.000043	0.000001	06	80
S-21	0.000054	0.000008	06	80

PLUTONIUM IN ONSITE AMBIENT AIR - 1980

LOCATION	DATE ON	DATE OFF	N	VOLUME (m³)	LCL (pCi/m³)	PT. EST. CONC. (pCi/m³)
S-05	30-JUN-80	28-JUL-80	2	31000	0.000021	0.000027
S-06	30-JUN-80	28-JUL-80	2	31000	0.000067	0.000078
S-07	30-JUN-80	28-JUL-80	2	26000	0.000186	0.000205
S-08	30-JUN-80	28-JUL-80	2	27000	0.000224	0.000245
S-09	30-JUN-80	28-JUL-80	2	30000	0.000222	0.000245
S-16	30-JUN-80	28-JUL-80	2	31000	0.000000	0.000016
S-19	30-JUN-80	28-JUL-80	2	30000	0.000052	0.000062
S-20	30-JUN-80	28-JUL-80	2	27000	0.000037	0.000046
S-21	30-JUN-80	28-JUL-80	2	33000	0.000000	0.000154
S-05	29-JUL-80	25-AUG-80	2	33000	0.000049	0.000056
S-06	29-JUL-80	25-AUG-80	2	33000	0.000049	0.000054
S-07	29-JUL-80	25-AUG-80	2	29000	0.000183	0.000196
S-08	29-JUL-80	25-AUG-80	2	28000	0.000306	0.000323
S-09	29-JUL-80	25-AUG-80	2	32000	0.000348	0.000366
S-16	29-JUL-80	25-AUG-80	2	34000	0.000013	0.000018
S-19	29-JUL-80	25-AUG-80	2	32000	0.000000	0.000010
S-20	29-JUL-80	25-AUG-80	2	29000	0.000033	0.000039
S-21	29-JUL-80	25-AUG-80	2	36000	0.000000	0.000007
S-05	08-SEP-80	06-OCT-80	2	33000	0.000122	0.000135
S-06	08-SEP-80	06-OCT-80	2	34000	0.000050	0.000059
S-07	08-SEP-80	06-OCT-80	2	28000	0.000099	0.000113
S-08	08-SEP-80	06-OCT-80	2	32000	0.000213	0.000234
S-09	08-SEP-80	06-OCT-80	2	32000	0.001193	0.001289
S-16	08-SEP-80	06-OCT-80	2	33000	0.000000	0.000013
S-19	08-SEP-80	06-OCT-80	2	36000	0.000052	0.000060
S-20	08-SEP-80	06-OCT-80	2	30000	0.000025	0.000030
S-21	08-SEP-80	06-OCT-80	2	35000	0.000008	0.000011
S-05	06-OCT-80	03-NOV-80	2	30000	0.000034	0.000038
S-06	06-OCT-80	03-NOV-80	2	30000	0.000090	0.000096
S-07	06-OCT-80	03-NOV-80	2	26000	0.000110	0.000117
S-08	06-OCT-80	03-NOV-80	2	33000	0.000126	0.000136
S-09	06-OCT-80	03-NOV-80	2	34000	0.000306	0.000320
S-16	06-OCT-80	03-NOV-80	2	35000	0.000000	0.000007
S-19	06-OCT-80	03-NOV-80	2	34000	0.000022	0.000026
S-20	06-OCT-80	03-NOV-80	2	30000	0.000008	0.000012
S-21	06-OCT-80	03-NOV-80	2	32000	0.000000	0.000007
S-05	03-NOV-80	01-DEC-80	2	35000	0.000058	0.000067
S-06	03-NOV-80	01-DEC-80	2	35000	0.000050	0.000060
S-07	03-NOV-80	01-DEC-80	2	29000	0.000091	0.000104
S-08	03-NOV-80	01-DEC-80	2	36000	0.000161	0.000179
S-09	03-NOV-80	01-DEC-80	2	38000	0.000107	0.000120
S-16	03-NOV-80	01-DEC-80	2	35000	0.000000	0.000019
S-19	03-NOV-80	01-DEC-80	2	37000	0.000010	0.000015
S-20	03-NOV-80	01-DEC-80	2	32000	0.000000	0.000018
S-21	03-NOV-80	01-DEC-80	2	37000	0.000000	0.000054
S-05	01-DEC-80	22-DEC-80	2	27000	0.000081	0.000090
S-06	01-DEC-80	22-DEC-80	2	26000	0.000053	0.000064
S-07	01-DEC-80	22-DEC-80	2	19000	0.000070	0.000083
S-08	01-DEC-80	22-DEC-80	2	26000	0.000132	0.000148
S-09	01-DEC-80	22-DEC-80	2	26000	0.000214	0.000228
S-16	01-DEC-80	22-DEC-80	2	25000	0.000000	0.000018
S-19	01-DEC-80	22-DEC-80	2	28000	0.000000	0.000018
S-20	01-DEC-80	22-DEC-80	2	24000	0.000000	0.000018
S-21	01-DEC-80	22-DEC-80	2	28000	0.000000	0.000015

PLUTONIUM IN ONSITE AMBIENT AIR - 1980

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05	0.000033	0.000006	07	80
S-06	0.000089	0.000011	07	80
S-07	0.000224	0.000019	07	80
S-08	0.000266	0.000021	07	80
S-09	0.000268	0.000023	07	80
S-16	0.000016	<	07	80
S-19	0.000072	0.000010	07	80
S-20	0.000055	0.000009	07	80
S-21	0.000154	<	07	80
S-05	0.000063	0.000007	08	80
S-06	0.000059	0.000005	08	80
S-07	0.000209	0.000013	08	80
S-08	0.000340	0.000017	08	80
S-09	0.000384	0.000018	08	80
S-16	0.000023	0.000005	08	80
S-19	0.000010	<	08	80
S-20	0.000045	0.000006	08	80
S-21	0.000007	<	08	80
S-05	0.000148	0.000013	09	80
S-06	0.000068	0.000009	09	80
S-07	0.000127	0.000014	09	80
S-08	0.000255	0.000021	09	80
S-09	0.001385	0.000096	09	80
S-16	0.000013	<	09	80
S-19	0.000068	0.000008	09	80
S-20	0.000035	0.000005	09	80
S-21	0.000014	0.000003	09	80
S-05	0.000042	0.000004	10	80
S-06	0.000102	0.000006	10	80
S-07	0.000124	0.000007	10	80
S-08	0.000146	0.000010	10	80
S-09	0.000334	0.000014	10	80
S-16	0.000007	<	10	80
S-19	0.000030	0.000004	10	80
S-20	0.000016	0.000004	10	80
S-21	0.000007	<	10	80
S-05	0.000076	0.000009	11	80
S-06	0.000070	0.000010	11	80
S-07	0.000117	0.000013	11	80
S-08	0.000197	0.000018	11	80
S-09	0.000133	0.000013	11	80
S-16	0.000019	<	11	80
S-19	0.000020	0.000005	11	80
S-20	0.000018	<	11	80
S-21	0.000054	<	11	80
S-05	0.000099	0.000009	12	80
S-06	0.000075	0.000011	12	80
S-07	0.000096	0.000013	12	80
S-08	0.000164	0.000016	12	80
S-09	0.000242	0.000014	12	80
S-16	0.000018	<	12	80
S-19	0.000018	<	12	80
S-20	0.000018	<	12	80
S-21	0.000015	<	12	80

PLUTONIUM IN ONSITE AMBIENT AIR - 1981

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	22-DEC-80	26-JAN-81	2	44000	0.000044	0.000050
S-06	22-DEC-80	26-JAN-81	2	43000	0.000039	0.000044
S-07	22-DEC-80	26-JAN-81	2	36000	0.000112	0.000122
S-08	22-DEC-80	26-JAN-81	2	43000	0.000179	0.000194
S-09	22-DEC-80	26-JAN-81	2	45000	0.000255	0.000271
S-16	22-DEC-80	26-JAN-81	2	40000	0.000005	0.000009
S-19	22-DEC-80	26-JAN-81	2	44000	0.000015	0.000019
S-20	22-DEC-80	26-JAN-81	2	39000	0.000017	0.000022
S-21	22-DEC-80	26-JAN-81	2	48000	0.000009	0.000013
S-05	26-JAN-81	23-FEB-81	2	36000	0.000099	0.000106
S-06	26-JAN-81	23-FEB-81	2	35000	0.000082	0.000088
S-07	26-JAN-81	23-FEB-81	2	29000	0.000147	0.000157
S-08	26-JAN-81	23-FEB-81	2	35000	0.000288	0.000301
S-09	26-JAN-81	23-FEB-81	2	37000	0.000417	0.000437
S-16	26-JAN-81	23-FEB-81	2	32000	0.000024	0.000028
S-19	26-JAN-81	23-FEB-81	2	36000	0.000022	0.000025
S-20	26-JAN-81	23-FEB-81	2	32000	0.000023	0.000027
S-21	26-JAN-81	23-FEB-81	2	37000	0.000020	0.000023
S-05	23-FEB-81	23-MAR-81	2	35000	0.000047	0.000053
S-06	23-FEB-81	23-MAR-81	2	33000	0.000121	0.000127
S-07	23-FEB-81	23-MAR-81	2	27000	0.000156	0.000168
S-08	23-FEB-81	23-MAR-81	2	35000	0.000132	0.000142
S-09	23-FEB-81	23-MAR-81	2	34000	0.000294	0.000311
S-16	23-FEB-81	23-MAR-81	2	32000	0.000026	0.000031
S-19	23-FEB-81	23-MAR-81	2	37000	0.000053	0.000059
S-20	23-FEB-81	23-MAR-81	2	31000	0.000035	0.000041
S-21	23-FEB-81	23-MAR-81	2	35000	0.000028	0.000033
S-05	23-MAR-81	20-APR-81	2	33000	0.000322	0.000341
S-06	23-MAR-81	20-APR-81	2	31000	0.000046	0.000053
S-07	23-MAR-81	20-APR-81	2	24000	0.000205	0.000223
S-08	23-MAR-81	20-APR-81	2	32000	0.000162	0.000174
S-09	23-MAR-81	20-APR-81	2	28000	0.000330	0.000350
S-16	23-MAR-81	20-APR-81	2	31000	0.000022	0.000028
S-19	23-MAR-81	20-APR-81	2	35000	0.000093	0.000104
S-20	23-MAR-81	20-APR-81	2	23000	0.000053	0.000063
S-21	23-MAR-81	20-APR-81	2	36000	0.000052	0.000058
S-05	20-APR-81	18-MAY-81	2	33000	0.000057	0.000062
S-06	20-APR-81	18-MAY-81	2	33000	0.000055	0.000060
S-07	20-APR-81	18-MAY-81	2	26000	0.000145	0.000155
S-08	20-APR-81	18-MAY-81	2	32000	0.000103	0.000110
S-09	20-APR-81	18-MAY-81	2	29000	0.000532	0.000555
S-16	20-APR-81	18-MAY-81	2	31000	0.000031	0.000036
S-19	20-APR-81	18-MAY-81	2	33000	0.000049	0.000054
S-20	20-APR-81	18-MAY-81	2	28000	0.000038	0.000043
S-21	20-APR-81	18-MAY-81	2	35000	0.000030	0.000034
S-05	18-MAY-81	15-JUN-81	2	33000	0.000056	0.000060
S-06	18-MAY-81	15-JUN-81	2	33000	0.000108	0.000114
S-07	18-MAY-81	15-JUN-81	2	28000	0.000203	0.000218
S-08	18-MAY-81	15-JUN-81	2	31000	0.000390	0.000418
S-09	18-MAY-81	15-JUN-81	2	27000	0.000675	0.000717
S-16	18-MAY-81	15-JUN-81	2	32000	0.000033	0.000036
S-19	18-MAY-81	15-JUN-81	2	34000	0.000088	0.000092
S-20	18-MAY-81	15-JUN-81	2	29000	0.000046	0.000050
S-21	18-MAY-81	15-JUN-81	2	32000	0.000032	0.000036

PLUTONIUM IN ONSITE AMBIENT AIR - 1981

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-05	0.000056	0.000006	01	81
S-06	0.000049	0.000005	01	81
S-07	0.000132	0.000010	01	81
S-08	0.000209	0.000015	01	81
S-09	0.000287	0.000016	01	81
S-16	0.000013	0.000004	01	81
S-19	0.000023	0.000004	01	81
S-20	0.000027	0.000005	01	81
S-21	0.000017	0.000004	01	81
S-05	0.000113	0.000007	02	81
S-06	0.000094	0.000006	02	81
S-07	0.000167	0.000010	02	81
S-08	0.000314	0.000013	02	81
S-09	0.000457	0.000020	02	81
S-16	0.000032	0.000004	02	81
S-19	0.000028	0.000003	02	81
S-20	0.000031	0.000004	02	81
S-21	0.000026	0.000003	02	81
S-05	0.000059	0.000006	03	81
S-06	0.000133	0.000006	03	81
S-07	0.000180	0.000012	03	81
S-08	0.000152	0.000010	03	81
S-09	0.000328	0.000017	03	81
S-16	0.000036	0.000005	03	81
S-19	0.000065	0.000006	03	81
S-20	0.000047	0.000006	03	81
S-21	0.000038	0.000005	03	81
S-05	0.000360	0.000019	04	81
S-06	0.000060	0.000007	04	81
S-07	0.000241	0.000018	04	81
S-08	0.000186	0.000012	04	81
S-09	0.000370	0.000020	04	81
S-16	0.000034	0.000006	04	81
S-19	0.000115	0.000011	04	81
S-20	0.000073	0.000010	04	81
S-21	0.000064	0.000006	04	81
S-05	0.000067	0.000005	05	81
S-06	0.000065	0.000005	05	81
S-07	0.000165	0.000010	05	81
S-08	0.000117	0.000007	05	81
S-09	0.000578	0.000023	05	81
S-16	0.000041	0.000005	05	81
S-19	0.000059	0.000005	05	81
S-20	0.000048	0.000005	05	81
S-21	0.000038	0.000004	05	81
S-05	0.000064	0.000004	06	81
S-06	0.000120	0.000006	06	81
S-07	0.000233	0.000015	06	81
S-08	0.000446	0.000028	06	81
S-09	0.000759	0.000042	06	81
S-16	0.000039	0.000003	06	81
S-19	0.000096	0.000004	06	81
S-20	0.000054	0.000004	06	81
S-21	0.000040	0.000004	06	81

PLUTONIUM IN ONSITE AMBIENT AIR - 1981

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	15-JUN-81	27-JUL-81	3	46000	0.000056	0.000062
S-06	15-JUN-81	27-JUL-81	3	46000	0.000098	0.000105
S-07	15-JUN-81	27-JUL-81	3	40000	0.000304	0.000319
S-08	15-JUN-81	27-JUL-81	3	44000	0.001711	0.001773
S-09	15-JUN-81	27-JUL-81	3	42000	0.001098	0.001135
S-16	15-JUN-81	27-JUL-81	3	44000	0.000018	0.000022
S-19	15-JUN-81	27-JUL-81	3	46000	0.000055	0.000078
S-20	15-JUN-81	27-JUL-81	3	43000	0.000314	0.000357
S-21	15-JUN-81	27-JUL-81	3	47000	0.000174	0.000187
S-05	27-JUL-81	24-AUG-81	2	32000	0.000098	0.000108
S-06	27-JUL-81	24-AUG-81	2	31000	0.000046	0.000052
S-07	27-JUL-81	24-AUG-81	2	27000	0.000103	0.000117
S-08	27-JUL-81	24-AUG-81	2	29000	0.000224	0.000241
S-09	27-JUL-81	24-AUG-81	2	30000	0.000438	0.000464
S-16	27-JUL-81	24-AUG-81	2	31000	0.000000	0.000049
S-19	27-JUL-81	24-AUG-81	2	31000	0.000044	0.000050
S-20	27-JUL-81	24-AUG-81	2	29000	0.000065	0.000073
S-21	27-JUL-81	24-AUG-81	2	33000	0.000019	0.000023
S-05	24-AUG-81	21-SEP-81	2	32000	0.000046	0.000053
S-06	24-AUG-81	21-SEP-81	2	33000	0.000086	0.000097
S-07	24-AUG-81	21-SEP-81	2	28000	0.000816	0.000867
S-08	24-AUG-81	21-SEP-81	2	32000	0.000464	0.000499
S-09	24-AUG-81	21-SEP-81	2	32000	0.000318	0.000343
S-16	24-AUG-81	21-SEP-81	2	30000	0.000012	0.000017
S-19	24-AUG-81	21-SEP-81	2	32000	0.000052	0.000060
S-20	24-AUG-81	21-SEP-81	2	29000	0.000021	0.000027
S-21	24-AUG-81	21-SEP-81	2	25000	0.000022	0.000028
S-05	21-SEP-81	02-NOV-81	3	52000	0.000097	0.000105
S-06	21-SEP-81	02-NOV-81	3	53000	0.000076	0.000083
S-07	21-SEP-81	02-NOV-81	3	41000	0.000259	0.000274
S-08	21-SEP-81	02-NOV-81	3	47000	0.000157	0.000168
S-09	21-SEP-81	02-NOV-81	3	48000	0.000274	0.000289
S-16	21-SEP-81	02-NOV-81	3	48000	0.000027	0.000030
S-19	21-SEP-81	02-NOV-81	3	50000	0.000080	0.000087
S-20	21-SEP-81	02-NOV-81	3	46000	0.000019	0.000024
S-21	21-SEP-81	02-NOV-81	3	56000	0.000010	0.000013
S-05	02-NOV-81	30-NOV-81	2	35000	-0.000001	0.000007
S-06	02-NOV-81	30-NOV-81	2	35000	0.000114	0.000124
S-07	02-NOV-81	30-NOV-81	2	35000	0.000178	0.000193
S-08	02-NOV-81	30-NOV-81	2	31000	0.000136	0.000183
S-09	02-NOV-81	30-NOV-81	2	31000	0.000924	0.000971
S-16	02-NOV-81	30-NOV-81	2	32000	0.000036	0.000043
S-19	02-NOV-81	30-NOV-81	2	30000	0.000078	0.000089
S-20	02-NOV-81	30-NOV-81	2	31000	0.000012	0.000016
S-21	02-NOV-81	30-NOV-81	2	26000	0.000012	0.000019
S-05	30-NOV-81	04-JAN-82	2	39000	0.000101	0.000112
S-06	30-NOV-81	04-JAN-82	2	43000	0.000147	0.000159
S-07	30-NOV-81	04-JAN-82	2	37000	0.000412	0.000446
S-08	30-NOV-81	04-JAN-82	2	42000	0.000421	0.000448
S-09	30-NOV-81	04-JAN-82	2	44000	0.000673	0.000718
S-16	30-NOV-81	04-JAN-82	2	42000	0.000002	0.000004
S-19	30-NOV-81	04-JAN-82	2	42000	0.000107	0.000116
S-20	30-NOV-81	04-JAN-82	2	39000	0.000020	0.000025
S-21	30-NOV-81	04-JAN-82	2	51000	0.000101	0.000115

PLUTONIUM IN ONSITE AMBIENT AIR - 1981

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05	0.000068	0.000006	07	81
S-06	0.000112	0.000007	07	81
S-07	0.000334	0.000015	07	81
S-08	0.001835	0.000062	07	81
S-09	0.001172	0.000037	07	81
S-16	0.000026	0.000004	07	81
S-19	0.000101	0.000023	07	81
S-20	0.000400	0.000043	07	81
S-21	0.000200	0.000013	07	81
S-05	0.000118	0.000010	08	81
S-06	0.000058	0.000006	08	81
S-07	0.000131	0.000014	08	81
S-08	0.000258	0.000017	08	81
S-09	0.000490	0.000026	08	81
S-16	0.000098	0.000049	08	81
S-19	0.000056	0.000006	08	81
S-20	0.000081	0.000008	08	81
S-21	0.000027	0.000004	08	81
S-05	0.000060	0.000007	09	81
S-06	0.000108	0.000011	09	81
S-07	0.000918	0.000051	09	81
S-08	0.000534	0.000035	09	81
S-09	0.000368	0.000025	09	81
S-16	0.000022	0.000005	09	81
S-19	0.000068	0.000008	09	81
S-20	0.000033	0.000006	09	81
S-21	0.000034	0.000006	09	81
S-05	0.000113	0.000008	10	81
S-06	0.000090	0.000007	10	81
S-07	0.000289	0.000015	10	81
S-08	0.000179	0.000011	10	81
S-09	0.000304	0.000015	10	81
S-16	0.000033	0.000003	10	81
S-19	0.000094	0.000007	10	81
S-20	0.000029	0.000005	10	81
S-21	0.000016	0.000003	10	81
S-05	0.000015	0.000008	11	81
S-06	0.000134	0.000010	11	81
S-07	0.000208	0.000015	11	81
S-08	0.000230	0.000047	11	81
S-09	0.001018	0.000047	11	81
S-16	0.000050	0.000007	11	81
S-19	0.000100	0.000011	11	81
S-20	0.000020	0.000004	11	81
S-21	0.000026	0.000007	11	81
S-05	0.000123	0.000011	12	81
S-06	0.000171	0.000012	12	81
S-07	0.000480	0.000034	12	81
S-08	0.000475	0.000027	12	81
S-09	0.000763	0.000045	12	81
S-16	0.000006	0.000002	12	81
S-19	0.000125	0.000009	12	81
S-20	0.000030	0.000005	12	81
S-21	0.000129	0.000014	12	81

PLUTONIUM IN ONSITE AMBIENT AIR - 1982

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	18-JAN-82	01-FEB-82	2	19000	-0.000143	0.000187
S-06	18-JAN-82	01-FEB-82	2	26000	0.000586	0.000637
S-07	18-JAN-82	01-FEB-82	2	31000	0.000499	0.000533
S-08	18-JAN-82	01-FEB-82	2	32000	0.000760	0.000808
S-09	18-JAN-82	01-FEB-82	2	34000	0.001229	0.001298
S-16	18-JAN-82	01-FEB-82	2	35000	0.000002	0.000006
S-19	18-JAN-82	01-FEB-82	2	35000	0.000077	0.000086
S-20	18-JAN-82	01-FEB-82	2	32000	0.000036	0.000044
S-21	18-JAN-82	01-FEB-82	2	25000	0.000091	0.000107
S-05	01-FEB-82	01-MAR-82	2	36000	0.000159	0.000179
S-06	01-FEB-82	01-MAR-82	2	36000	0.000134	0.000151
S-07	01-FEB-82	01-MAR-82	2	33000	0.000095	0.000108
S-08	01-FEB-82	01-MAR-82	2	30000	0.000492	0.000551
S-09	01-FEB-82	01-MAR-82	2	37000	0.000437	0.000484
S-16	01-FEB-82	01-MAR-82	2	35000	0.000004	0.000007
S-19	01-FEB-82	01-MAR-82	2	36000	0.000035	0.000043
S-20	01-FEB-82	01-MAR-82	2	32000	0.000010	0.000014
S-21	01-FEB-82	01-MAR-82	0			
S-05	01-MAR-82	29-MAR-82	2	28000	0.000083	0.000094
S-06	01-MAR-82	29-MAR-82	2	34000	0.000110	0.000123
S-07	01-MAR-82	29-MAR-82	2	31000	0.000097	0.000108
S-08	01-MAR-82	29-MAR-82	2	36000	0.000255	0.000278
S-09	01-MAR-82	29-MAR-82	2	34000		0.000372
S-05	29-MAR-82	27-APR-82	2	36000	0.000264	0.000292
S-06	29-MAR-82	27-APR-82	2	33000	0.000102	0.000113
S-07	29-MAR-82	27-APR-82	2	29000	0.000330	0.000368
S-08	29-MAR-82	27-APR-82	2	38000	0.000597	0.000656
S-09	29-MAR-82	27-APR-82	2	30000	0.000800	0.000896
S-05	27-APR-82	24-MAY-82	2	25000	0.000151	0.000175
S-06	27-APR-82	24-MAY-82	2	33000	0.000031	0.000039
S-07	27-APR-82	24-MAY-82	2	28000	0.000082	0.000095
S-08	27-APR-82	24-MAY-82	2	37000	0.000207	0.000230
S-09	27-APR-82	24-MAY-82	2	30000	0.000187	0.000232
S-05	24-MAY-82	21-JUN-82	2	30000	0.000057	0.000066
S-06	24-MAY-82	21-JUN-82	2	33000	0.000069	0.000080
S-07	24-MAY-82	21-JUN-82	2	30000	0.000101	0.000113
S-08	24-MAY-82	21-JUN-82	2	32000	0.000099	0.000109
S-09	24-MAY-82	21-JUN-82	2	27000	0.000320	0.000354
S-05	21-JUN-82	02-AUG-82	3	47000	0.000045	0.000051
S-06	21-JUN-82	02-AUG-82	3	50000	0.000022	0.000027
S-07	21-JUN-82	02-AUG-82	3	39000	0.000154	0.000169
S-08	21-JUN-82	02-AUG-82	3	46000	0.000176	0.000188
S-09	21-JUN-82	02-AUG-82	3	35000	0.000407	0.000442
S-05	02-AUG-82	30-AUG-82	2	31000	0.000010	0.000014
S-06	02-AUG-82	30-AUG-82	2	32000	0.000015	0.000020
S-07	02-AUG-82	30-AUG-82	2	25000	0.000121	0.000140
S-08	02-AUG-82	30-AUG-82	2	29000	0.000052	0.000061
S-09	02-AUG-82	30-AUG-82	2	21000	0.000101	0.000118
S-05	30-AUG-82	27-SEP-82	2	30000	0.000012	0.000017
S-06	30-AUG-82	27-SEP-82	2	32000	0.000021	0.000027
S-07	30-AUG-82	27-SEP-82	2	27000	0.000094	0.000108
S-08	30-AUG-82	27-SEP-82	2	31000	0.000062	0.000072
S-09	30-AUG-82	27-SEP-82	2	23000	0.000099	0.000117
S-05	27-SEP-82	25-OCT-82	2	32000	0.000005	0.000005

PLUTONIUM IN ONSITE AMBIENT AIR - 1982

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05	0.000517	0.000330	01	82
S-06	0.000688	0.000051	01	82
S-07	0.000567	0.000034	01	82
S-08	0.000856	0.000048	01	82
S-09	0.001367	0.000069	01	82
S-16	0.000010	0.000004	01	82
S-19	0.000095	0.000009	01	82
S-20	0.000052	0.000008	01	82
S-21	0.000123	0.000016	01	82
S-05	0.000203	0.000022	02	82
S-06	0.000171	0.000018	02	82
S-07	0.000124	0.000014	02	82
S-08	0.000622	0.000065	02	82
S-09	0.000538	0.000051	02	82
S-16	0.000010	0.000003	02	82
S-19	0.000052	0.000009	02	82
S-20	0.000018	0.000004	02	82
S-21			02	82
S-05	0.000108	0.000012	03	82
S-06	0.000136	0.000013	03	82
S-07	0.000121	0.000012	03	82
S-08	0.000303	0.000024	03	82
S-09			03	82
S-05	0.000325	0.000030	04	82
S-06	0.000127	0.000013	04	82
S-07	0.000415	0.000043	04	82
S-08	0.000724	0.000063	04	82
S-09	0.001014	0.000107	04	82
S-05	0.000205	0.000027	05	82
S-06	0.000048	0.000009	05	82
S-07	0.000112	0.000015	05	82
S-08	0.000257	0.000025	05	82
S-09	0.000283	0.000048	05	82
S-05	0.000076	0.000010	06	82
S-06	0.000092	0.000012	06	82
S-07	0.000127	0.000013	06	82
S-08	0.000119	0.000010	06	82
S-09	0.000392	0.000036	06	82
S-05	0.000059	0.000007	07	82
S-06	0.000032	0.000005	07	82
S-07	0.000185	0.000016	07	82
S-08	0.000202	0.000013	07	82
S-09	0.000481	0.000037	07	82
S-05	0.000018	0.000004	08	82
S-06	0.000026	0.000006	08	82
S-07	0.000162	0.000021	08	82
S-08	0.000071	0.000009	08	82
S-09	0.000136	0.000017	08	82
S-05	0.000022	0.000005	09	82
S-06	0.000033	0.000006	09	82
S-07	0.000126	0.000016	09	82
S-08	0.000084	0.000011	09	82
S-09	0.000139	0.000020	09	82
S-05	0.000015	0.000005	10	82

PLUTONIUM IN ONSITE AMBIENT AIR - 1982

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-06	27-SEP-82	25-OCT-82	2	32000	0.000018	0.000028
S-07	27-SEP-82	25-OCT-82	2	28000	0.000492	0.000547
S-08	27-SEP-82	25-OCT-82	2	31000	0.000013	0.000020
S-09	27-SEP-82	25-OCT-82	2	26000	0.000026	0.000036
S-05	25-OCT-82	22-NOV-82	2	31000	0.000065	0.000078
S-06	25-OCT-82	22-NOV-82	1	24000	0.000046	0.000055
S-07	25-OCT-82	22-NOV-82	2	28000	0.000057	0.000069
S-08	25-OCT-82	22-NOV-82	2	31000	0.000096	0.000111
S-09	25-OCT-82	22-NOV-82	2	26000	0.000602	0.000671
S-05	22-NOV-82	20-DEC-82	2	29000	0.000102	0.000116
S-06	22-NOV-82	20-DEC-82	2	34000	0.000069	0.000083
S-07	22-NOV-82	20-DEC-82	2	28000	0.000076	0.000089
S-08	22-NOV-82	20-DEC-82	2	30000	0.000563	0.000623
S-09	22-NOV-82	20-DEC-82	2	28000	0.000107	0.000124

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-06	0.000038	0.000010	10	82
S-07	0.000610	0.000059	10	82
S-08	0.000028	0.000008	10	82
S-09	0.000047	0.000010	10	82
S-05	0.000092	0.000014	11	82
S-06	0.000066	0.000010	11	82
S-07	0.000082	0.000012	11	82
S-08	0.000126	0.000015	11	82
S-09	0.000748	0.000073	11	82
S-05	0.000132	0.000015	12	82
S-06	0.000097	0.000014	12	82
S-07	0.000103	0.000013	12	82
S-08	0.000668	0.000053	12	82
S-09	0.000143	0.000018	12	82

PLUTONIUM IN ONSITE AMBIENT AIR - 1983

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	20-DEC-82	17-JAN-83	2	28000	0.000060	0.000071
S-06	20-DEC-82	17-JAN-83	2	34000	0.000053	0.000063
S-07	20-DEC-82	17-JAN-83	2	30000	0.000063	0.000074
S-08	20-DEC-82	17-JAN-83	2	30000	0.000146	0.000164
S-09	20-DEC-82	17-JAN-83	2	29000	0.000310	0.000345
S-05	17-JAN-83	28-FEB-83	3	45000	0.000053	0.000061
S-06	17-JAN-83	28-FEB-83	3	50000	0.000025	0.000031
S-07	17-JAN-83	28-FEB-83	3	42000	0.000238	0.000262
S-08	17-JAN-83	28-FEB-83	3	46000	0.000213	0.000234
S-09	17-JAN-83	28-FEB-83	3	42000	0.000446	0.000486
S-05	28-FEB-83	28-MAR-83	2	29000	0.000047	0.000059
S-06	28-FEB-83	28-MAR-83	2	26000	0.000020	0.000029
S-07	28-FEB-83	28-MAR-83	2	28000	0.000068	0.000083
S-08	28-FEB-83	28-MAR-83	2	29000	0.000172	0.000198
S-09	28-FEB-83	28-MAR-83	2	29000	0.000236	0.000268
S-05	28-MAR-83	25-APR-83	2	18000	0.000060	0.000072
S-06	28-MAR-83	25-APR-83	2	26000	0.000080	0.000091
S-07	28-MAR-83	25-APR-83	2	28000	0.000143	0.000162
S-08	28-MAR-83	25-APR-83	2	29000	0.000189	0.000211
S-09	28-MAR-83	25-APR-83	2	29000	0.000230	0.000259
S-05	25-APR-83	01-JUN-83	2	36000	0.000018	0.000024
S-06	25-APR-83	01-JUN-83	2	34000	0.000048	0.000056
S-07	25-APR-83	01-JUN-83	2	36000	0.000229	0.000263
S-08	25-APR-83	01-JUN-83	2	38000	0.000411	0.000461
S-09	25-APR-83	01-JUN-83	2	36000	0.000429	0.000475
S-05	01-JUN-83	27-JUN-83	2	28000	0.000017	0.000023
S-06	01-JUN-83	27-JUN-83	1	14000	0.000284	0.000329
S-07	01-JUN-83	27-JUN-83	2	24000	0.000834	0.000921
S-08	01-JUN-83	27-JUN-83	2	26000	0.001125	0.001236
S-09	01-JUN-83	27-JUN-83	2	24000	0.000491	0.000548
S-05	27-JUN-83	25-JUL-83	2	29000	0.000018	0.000024
S-06	27-JUN-83	25-JUL-83	2	29000	0.000034	0.000040
S-07	27-JUN-83	25-JUL-83	2	27000	0.000657	0.000719
S-08	27-JUN-83	25-JUL-83	2	28000	0.001191	0.001293
S-09	27-JUN-83	25-JUL-83	2	24000	0.000275	0.000308
S-05	25-JUL-83	25-AUG-83	2	29000	0.000013	0.000018
S-06	25-JUL-83	25-AUG-83	2	28000	0.000022	0.000027
S-07	25-JUL-83	25-AUG-83	2	27000	0.000190	0.000214
S-08	25-JUL-83	25-AUG-83	2	29000	0.000416	0.000458
S-09	25-JUL-83	25-AUG-83	2	27000	0.000235	0.000261
S-05	25-AUG-83	19-SEP-83	2	28000	0.000041	0.000049
S-06	25-AUG-83	19-SEP-83	2	28000	0.000046	0.000055
S-07	25-AUG-83	19-SEP-83	2	27000	0.000528	0.000592
S-08	25-AUG-83	19-SEP-83	2	28000	0.000448	0.000489
S-09	25-AUG-83	19-SEP-83	2	26000	0.000259	0.000284
S-05	19-SEP-83	18-OCT-83	2	31000	0.000021	0.000028
S-06	19-SEP-83	18-OCT-83	2	34000	0.000017	0.000026
S-07	19-SEP-83	18-OCT-83	2	25000	0.000169	0.000196
S-08	19-SEP-83	18-OCT-83	2	28000	0.000182	0.000210
S-09	19-SEP-83	18-OCT-83	2	25000	0.000280	0.000315
S-05	18-OCT-83	29-NOV-83	3	47000	0.000015	0.000018
S-06	18-OCT-83	29-NOV-83	3	45000	0.000019	0.000023
S-07	18-OCT-83	29-NOV-83	3	44000	0.000093	0.000106
S-08	18-OCT-83	29-NOV-83	3	46000	0.000300	0.000329

PLUTONIUM IN ONSITE AMBIENT AIR - 1983

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05	0.000083	0.000012	01	83
S-06	0.000073	0.000010	01	83
S-07	0.000086	0.000012	01	83
S-08	0.000184	0.000019	01	83
S-09	0.000383	0.000036	01	83
S-05	0.000069	0.000008	02	83
S-06	0.000036	0.000006	02	83
S-07	0.000289	0.000025	02	83
S-08	0.000256	0.000022	02	83
S-09	0.000531	0.000043	02	83
S-05	0.000073	0.000013	03	83
S-06	0.000038	0.000009	03	83
S-07	0.000098	0.000015	03	83
S-08	0.000226	0.000027	03	83
S-09	0.000303	0.000033	03	83
S-05	0.000087	0.000014	04	83
S-06	0.000104	0.000012	04	83
S-07	0.000184	0.000021	04	83
S-08	0.000236	0.000024	04	83
S-09	0.000291	0.000030	04	83
S-05	0.000030	0.000006	05	83
S-06	0.000064	0.000008	05	83
S-07	0.000301	0.000036	05	83
S-08	0.000519	0.000054	05	83
S-09	0.000529	0.000050	05	83
S-05	0.000030	0.000007	06	83
S-06	0.000382	0.000049	06	83
S-07	0.001019	0.000092	06	83
S-08	0.001361	0.000118	06	83
S-09	0.000612	0.000061	06	83
S-05	0.000029	0.000006	07	83
S-06	0.000047	0.000007	07	83
S-07	0.000790	0.000031	07	83
S-08	0.001409	0.000109	07	83
S-09	0.000346	0.000035	07	83
S-05	0.000022	0.000004	08	83
S-06	0.000032	0.000005	08	83
S-07	0.000240	0.000025	08	83
S-08	0.000506	0.000045	08	83
S-09	0.000292	0.000029	08	83
S-05	0.000057	0.000008	09	83
S-06	0.000064	0.000009	09	83
S-07	0.000662	0.000067	09	83
S-08	0.000535	0.000043	09	83
S-09	0.000311	0.000026	09	83
S-05	0.000034	0.000006	10	83
S-06	0.000033	0.000008	10	83
S-07	0.000225	0.000028	10	83
S-08	0.000238	0.000028	10	83
S-09	0.000355	0.000038	10	83
S-05	0.000022	0.000003	11	83
S-06	0.000027	0.000004	11	83
S-07	0.000119	0.000013	11	83
S-08	0.000361	0.000030	11	83

PLUTONIUM IN ONSITE AMBIENT AIR - 1983

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-09	18-OCT-83	29-NOV-83	3	50000	0.000089	0.000105
S-05	29-NOV-83	20-DEC-83	2	25000	0.000006	0.000012
S-06	29-NOV-83	20-DEC-83	2	24000	0.000005	0.000010
S-07	29-NOV-83	20-DEC-83	2	21000	0.000041	0.000058
S-08	29-NOV-83	20-DEC-83	2	22000	0.000075	0.000093
S-09	29-NOV-83	20-DEC-83	2	22000	0.000090	0.000109

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-09	0.000111	0.000011	11	83
S-05	0.000017	0.000006	12	83
S-06	0.000015	0.000005	12	83
S-07	0.000075	0.000017	12	83
S-08	0.000112	0.000019	12	83
S-09	0.000129	0.000020	12	83

PLUTONIUM IN ONSITE AMBIENT AIR - 1984

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	20-DEC-83	17-JAN-84	2	34000	0.000002	0.000006
S-06	20-DEC-83	17-JAN-84	2	35000	0.000012	0.000018
S-07	20-DEC-83	17-JAN-84	2	30000	0.000058	0.000073
S-08	20-DEC-83	17-JAN-84	2	31000	0.000051	0.000068
S-09	20-DEC-83	17-JAN-84	2	32000	0.000046	0.000058
S-05	17-JAN-84	28-FEB-84	3	50000	0.000031	0.000039
S-06	17-JAN-84	28-FEB-84	3	52000	0.000042	0.000049
S-07	17-JAN-84	28-FEB-84	3	45000	0.000279	0.000303
S-08	17-JAN-84	28-FEB-84	3	51000	0.000175	0.000196
S-09	17-JAN-84	28-FEB-84	3	48000	0.000216	0.000241
S-05	28-FEB-84	27-MAR-84	2	33000	0.000012	0.000019
S-06	28-FEB-84	27-MAR-84	2	34000	0.000012	0.000018
S-07	28-FEB-84	27-MAR-84	2	29000	0.000175	0.000218
S-08	28-FEB-84	27-MAR-84	2	33000	0.000371	0.000420
S-09	28-FEB-84	27-MAR-84	2	32000	0.000189	0.000206
S-05	27-MAR-84	24-APR-84	2	30000	0.000026	0.000039
S-06	27-MAR-84	24-APR-84	2	34000	0.000048	0.000060
S-07	27-MAR-84	24-APR-84	2	29000	0.000255	0.000290
S-08	27-MAR-84	24-APR-84	2	31000	0.000385	0.000463
S-09	27-MAR-84	24-APR-84	2	32000	0.000209	0.000253
S-05	24-APR-84	22-MAY-84	2	27000	0.000039	0.000053
S-06	24-APR-84	22-MAY-84	2	33000	0.000045	0.000061
S-07	24-APR-84	22-MAY-84	2	29000	0.000374	0.000443
S-08	24-APR-84	22-MAY-84	2	29000	0.000375	0.000454
S-09	24-APR-84	22-MAY-84	2	29000	0.000211	0.000258
S-05	22-MAY-84	19-JUN-84	2	25000	0.000005	0.000013
S-06	22-MAY-84	19-JUN-84	2	32000	0.000009	0.000017
S-07	22-MAY-84	19-JUN-84	2	27000	0.000165	0.000196
S-08	22-MAY-84	19-JUN-84	2	27000	0.000602	0.000679
S-09	22-MAY-84	19-JUN-84	2	27000	0.000199	0.000237
S-05	19-JUN-84	17-JUL-84	2	30000	0.000608	0.000696
S-06	19-JUN-84	17-JUL-84	2	31000	0.000049	0.000064
S-07	19-JUN-84	17-JUL-84	2	25000	0.000667	0.000766
S-08	19-JUN-84	17-JUL-84	2	26000	0.001920	0.002180
S-09	19-JUN-84	17-JUL-84	2	25000	0.000424	0.000499
S-05	17-JUL-84	28-AUG-84	3	48000	0.000027	0.000043
S-06	17-JUL-84	28-AUG-84	2	30000	0.000018	0.000026
S-07	17-JUL-84	28-AUG-84	3	41000	0.000469	0.000545
S-08	17-JUL-84	28-AUG-84	3	44000	0.000781	0.000909
S-09	17-JUL-84	28-AUG-84	3	40000	0.000322	0.000375
S-05	28-AUG-84	24-SEP-84	2	33000	0.000007	0.000013
S-06	28-AUG-84	24-SEP-84	2	23000	0.000046	0.000059
S-07	28-AUG-84	24-SEP-84	2	28000	0.000947	0.001071
S-08	28-AUG-84	24-SEP-84	2	28000	0.000699	0.000792
S-09	28-AUG-84	24-SEP-84	2	30000	0.000148	0.000173
S-05	24-SEP-84	22-OCT-84	2	33000	0.000011	0.000017
S-06	24-SEP-84	22-OCT-84	2	32000	0.000019	0.000028
S-07	24-SEP-84	22-OCT-84	2	32000	0.000073	0.000113
S-08	24-SEP-84	22-OCT-84	2	31000	0.000173	0.000202
S-09	24-SEP-84	22-OCT-84	2	35000	0.000065	0.000079
S-05	22-OCT-84	19-NOV-84	2	34000	0.000029	0.000038
S-06	22-OCT-84	19-NOV-84	2	28000	0.000103	0.000122
S-07	22-OCT-84	19-NOV-84	2	27000	0.000264	0.000297
S-08	22-OCT-84	19-NOV-84	2	31000	0.000362	0.000407

PLUTONIUM IN ONSITE AMBIENT AIR - 1984

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-05	0.000010	0.000004	01	84
S-06	0.000024	0.000006	01	84
S-07	0.000088	0.000015	01	84
S-08	0.000085	0.000017	01	84
S-09	0.000070	0.000012	01	84
S-05	0.000047	0.000008	02	84
S-06	0.000056	0.000007	02	84
S-07	0.000327	0.000024	02	84
S-08	0.000217	0.000021	02	84
S-09	0.000266	0.000025	02	84
S-05	0.000023	0.000006	03	84
S-06	0.000024	0.000006	03	84
S-07	0.000261	0.000043	03	84
S-08	0.000469	0.000049	03	84
S-09	0.000247	0.000029	03	84
S-05	0.000052	0.000013	04	84
S-06	0.000072	0.000012	04	84
S-07	0.000325	0.000035	04	84
S-08	0.000541	0.000078	04	84
S-09	0.000297	0.000044	04	84
S-05	0.000067	0.000014	05	84
S-06	0.000077	0.000016	05	84
S-07	0.000512	0.000069	05	84
S-08	0.000533	0.000079	05	84
S-09	0.000305	0.000047	05	84
S-05	0.000021	0.000008	06	84
S-06	0.000025	0.000008	06	84
S-07	0.000227	0.000031	06	84
S-08	0.000756	0.000077	06	84
S-09	0.000275	0.000038	06	84
S-05	0.000784	0.000088	07	84
S-06	0.000079	0.000015	07	84
S-07	0.000865	0.000099	07	84
S-08	0.002440	0.000260	07	84
S-09	0.000574	0.000075	07	84
S-05	0.000059	0.000016	08	84
S-06	0.000034	0.000008	08	84
S-07	0.000621	0.000076	08	84
S-08	0.001037	0.000128	08	84
S-09	0.000428	0.000053	08	84
S-05	0.000019	0.000006	09	84
S-06	0.000072	0.000013	09	84
S-07	0.001195	0.000124	09	84
S-08	0.000885	0.000093	09	84
S-09	0.000198	0.000025	09	84
S-05	0.000023	0.000006	10	84
S-06	0.000037	0.000009	10	84
S-07	0.000153	0.000040	10	84
S-08	0.000232	0.000030	10	84
S-09	0.000094	0.000015	10	84
S-05	0.000048	0.000010	11	84
S-06	0.000141	0.000019	11	84
S-07	0.000331	0.000034	11	84
S-08	0.000452	0.000045	11	84

PLUTONIUM IN ONSITE AMBIENT AIR - 1984

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-09	22-OCT-84	19-NOV-84	2	35000	0.000204	0.000230
S-05	19-NOV-84	02-JAN-85	2	37000	0.000037	0.000050
S-06	19-NOV-84	02-JAN-85	2	31000	0.000081	0.000101
S-07	19-NOV-84	02-JAN-85	2	35000	0.000117	0.000139
S-08	19-NOV-84	02-JAN-85	2	34000	0.000212	0.000247
S-09	19-NOV-84	02-JAN-85	2	36000	0.000254	0.000300

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-09	0.000255	0.000026	11	84
S-05	0.000064	0.000014	12	84
S-06	0.000121	0.000020	12	84
S-07	0.000160	0.000022	12	84
S-08	0.000283	0.000036	12	84
S-09	0.000346	0.000046	12	84

PLUTONIUM IN ONSITE AMBIENT AIR - 1985

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	02-JAN-85	28-JAN-85	2	27000	0.000002	0.000003
S-06	02-JAN-85	28-JAN-85	2	30000	0.000019	0.000033
S-07	02-JAN-85	28-JAN-85	2	27000	0.000083	0.000123
S-08	02-JAN-85	28-JAN-85	2	29000	0.000040	0.000063
S-09	02-JAN-85	28-JAN-85	2	24000	0.000028	0.000041
S-18	02-JAN-85	28-JAN-85	2	29000	0.000006	0.000018
S-19	02-JAN-85	28-JAN-85	2	19000	0.000015	0.000035
S-05	28-JAN-85	26-FEB-85	2	31000	0.000010	0.000022
S-06	28-JAN-85	26-FEB-85	2	33000	0.000005	0.000016
S-07	28-JAN-85	26-FEB-85	2	31000	0.000167	0.000221
S-08	28-JAN-85	26-FEB-85	2	32000	0.000148	0.000193
S-09	28-JAN-85	26-FEB-85	2	21000	0.000398	0.000512
S-18	28-JAN-85	26-FEB-85	2	34000	0.000036	0.000051
S-19	28-JAN-85	26-FEB-85	2	22000	0.000033	0.000052
S-05	26-FEB-85	26-MAR-85	2	31000	0.000013	0.000025
S-06	26-FEB-85	26-MAR-85	2	31000	0.000034	0.000049
S-07	26-FEB-85	26-MAR-85	2	27000	0.000242	0.000312
S-08	26-FEB-85	26-MAR-85	2	30000	0.000462	0.000582
S-09	26-FEB-85	26-MAR-85	2	17000	0.000355	0.000452
S-18	26-FEB-85	26-MAR-85	2	31000	0.000022	0.000036
S-19	26-FEB-85	26-MAR-85	2	21000	0.000048	0.000071
S-05	26-MAR-85	23-APR-85	2	29000	0.000050	0.000072
S-06	26-MAR-85	23-APR-85	2	29000	0.000038	0.000055
S-07	26-MAR-85	23-APR-85	2	27000	0.000333	0.000414
S-08	26-MAR-85	23-APR-85	2	28000	0.000372	0.000465
S-09	26-MAR-85	23-APR-85	2	28000	0.000410	0.000526
S-18	26-MAR-85	23-APR-85	2	28000	0.000031	0.000048
S-19	26-MAR-85	23-APR-85	2	28000	0.000040	0.000058
S-05	23-APR-85	21-MAY-85	2	29000	0.000010	0.000022
S-06	23-APR-85	21-MAY-85	2	28000	0.000113	0.000145
S-07	23-APR-85	21-MAY-85	2	26000	0.000269	0.000339
S-08	23-APR-85	21-MAY-85	2	28000	0.000278	0.000348
S-09	23-APR-85	21-MAY-85	2	22000	0.000324	0.000404
S-18	23-APR-85	21-MAY-85	2	28000	0.000012	0.000023
S-19	23-APR-85	21-MAY-85	2	26000	0.000027	0.000041
S-05	21-MAY-85	02-JUL-85	2	24000	0.000015	0.000030
S-06	21-MAY-85	02-JUL-85	2	27000	0.000045	0.000064
S-07	21-MAY-85	02-JUL-85	2	24000	0.000355	0.000445
S-08	21-MAY-85	02-JUL-85	2	26000	0.000474	0.000627
S-09	21-MAY-85	02-JUL-85	2	16000	0.000944	0.001169
S-18	21-MAY-85	02-JUL-85	2	26000	0.000016	0.000030
S-19	21-MAY-85	02-JUL-85	2	25000	0.000035	0.000053
S-05	02-JUL-85	31-JUL-85	2	30000	0.000025	0.000035
S-06	02-JUL-85	31-JUL-85	2	29000	0.000035	0.000048
S-07	02-JUL-85	31-JUL-85	2	34000	0.000196	0.000220
S-08	02-JUL-85	31-JUL-85	2	30000	0.001189	0.001306
S-09	02-JUL-85	31-JUL-85	2	27000	0.000450	0.000500
S-18	02-JUL-85	31-JUL-85	2	31000	0.000012	0.000021
S-19	02-JUL-85	31-JUL-85	2	25000	0.000083	0.000099
S-20	02-JUL-85	31-JUL-85	2	31000	0.000020	0.000030
S-21	02-JUL-85	31-JUL-85	2	23000	-0.000002	0.000009
S-05	31-JUL-85	27-AUG-85	2	24000	0.000042	0.000055
S-06	31-JUL-85	27-AUG-85	2	26000	0.000051	0.000064

PLUTONIUM IN ONSITE AMBIENT AIR - 1985

LOCATION	UCL (pCi/m ³)	MONTH	YEAR
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S-05	0.000004	01	85
S-06	0.000047	01	85
S-07	0.000163	01	85
S-08	0.000086	01	85
S-09	0.000054	01	85
S-18	0.000030	01	85
S-19	0.000055	01	85
S-05	0.000034	02	85
S-06	0.000027	02	85
S-07	0.000275	02	85
S-08	0.000238	02	85
S-09	0.000626	02	85
S-18	0.000066	02	85
S-19	0.000071	02	85
S-05	0.000037	03	85
S-06	0.000064	03	85
S-07	0.000382	03	85
S-08	0.000702	03	85
S-09	0.000549	03	85
S-18	0.000050	03	85
S-19	0.000094	03	85
S-05	0.000094	04	85
S-06	0.000072	04	85
S-07	0.000495	04	85
S-08	0.000558	04	85
S-09	0.000642	04	85
S-18	0.000065	04	85
S-19	0.000076	04	85
S-05	0.000034	05	85
S-06	0.000177	05	85
S-07	0.000409	05	85
S-08	0.000418	05	85
S-09	0.000484	05	85
S-18	0.000034	05	85
S-19	0.000055	05	85
S-05	0.000045	06	85
S-06	0.000083	06	85
S-07	0.000535	06	85
S-08	0.000780	06	85
S-09	0.001394	06	85
S-18	0.000044	06	85
S-19	0.000071	06	85
S-05	0.000045	07	85
S-06	0.000061	07	85
S-07	0.000244	07	85
S-08	0.001423	07	85
S-09	0.000550	07	85
S-18	0.000030	07	85
S-19	0.000115	07	85
S-20	0.000040	07	85
S-21	0.000020	07	85
S-05	0.000068	08	85
S-06	0.000077	08	85

PLUTONIUM IN ONSITE AMBIENT AIR - 1985

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-07	31-JUL-85	27-AUG-85	2	31000	0.000271	0.000303
S-08	31-JUL-85	27-AUG-85	2	27000	0.000314	0.000352
S-09	31-JUL-85	27-AUG-85	2	27000	0.000353	0.000390
S-18	31-JUL-85	27-AUG-85	2	28000	0.000016	0.000021
S-19	31-JUL-85	27-AUG-85	2	23000	0.000021	0.000034
S-20	31-JUL-85	27-AUG-85	2	28000	0.000014	0.000024
S-21	31-JUL-85	27-AUG-85	2	22000	0.000005	0.000018
S-05	27-AUG-85	24-SEP-85	2	28000	0.000038	0.000048
S-06	27-AUG-85	24-SEP-85	2	28000	0.000278	0.000310
S-07	27-AUG-85	24-SEP-85	2	33000	0.000128	0.000146
S-08	27-AUG-85	24-SEP-85	2	28000	0.000167	0.000188
S-09	27-AUG-85	24-SEP-85	2	30000	0.000292	0.000327
S-18	27-AUG-85	24-SEP-85	2	30000	0.000019	0.000027
S-19	27-AUG-85	24-SEP-85	2	25000	0.000014	0.000024
S-20	27-AUG-85	24-SEP-85	2	30000	0.000000	0.000008
S-21	27-AUG-85	24-SEP-85	2	25000	-0.000001	0.000008
S-05	24-SEP-85	22-OCT-85	2	27000	0.000030	0.000041
S-06	24-SEP-85	22-OCT-85	2	24000	0.000121	0.000140
S-07	24-SEP-85	22-OCT-85	2	19000	0.000165	0.000191
S-08	24-SEP-85	22-OCT-85	2	23000	0.000184	0.000212
S-09	24-SEP-85	22-OCT-85	2	25000	0.000206	0.000232
S-18	24-SEP-85	22-OCT-85	2	26000	0.000043	0.000054
S-19	24-SEP-85	22-OCT-85	2	20000	0.000053	0.000067
S-20	24-SEP-85	22-OCT-85	2	24000	0.000008	0.000018
S-21	24-SEP-85	22-OCT-85	2	27000	0.000008	0.000017
S-05	22-OCT-85	03-DEC-85	3	41000	0.000052	0.000064
S-06	22-OCT-85	03-DEC-85	3	37000	0.000070	0.000085
S-07	22-OCT-85	03-DEC-85	3	37000	0.000086	0.000101
S-08	22-OCT-85	03-DEC-85	3	36000	0.000210	0.000238
S-09	22-OCT-85	03-DEC-85	3	37000	0.000184	0.000210
S-18	22-OCT-85	03-DEC-85	3	39000	0.000027	0.000037
S-19	22-OCT-85	03-DEC-85	3	30000	0.000028	0.000040
S-20	22-OCT-85	03-DEC-85	3	32000	-0.000001	0.000009
S-21	22-OCT-85	03-DEC-85	2	27000	0.000001	0.000009
S-05	03-DEC-85	02-JAN-86	2	30000	0.000064	0.000072
S-06	03-DEC-85	02-JAN-86	2	29000	0.000113	0.000127
S-07	03-DEC-85	02-JAN-86	2	27000	0.000115	0.000130
S-08	03-DEC-85	03-JAN-86	2	27000	0.000091	0.000104
S-09	03-DEC-85	03-JAN-86	2	30000	0.000094	0.000106
S-18	03-DEC-85	03-JAN-86	2	29000	0.000071	0.000080
S-19	03-DEC-85	03-JAN-86	2	23000	0.000025	0.000030
S-20	03-DEC-85	02-JAN-86	2	25000	0.000032	0.000037
S-21	03-DEC-85	02-JAN-86	2	31000	0.000017	0.000020

PLUTONIUM IN ONSITE AMBIENT AIR - 1985

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
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S-07	0.000335	08	85
S-08	0.000390	08	85
S-09	0.000427	08	85
S-18	0.000026	08	85
S-19	0.000047	08	85
S-20	0.000034	08	85
S-21	0.000031	08	85
S-05	0.000058	09	85
S-06	0.000342	09	85
S-07	0.000164	09	85
S-08	0.000209	09	85
S-09	0.000362	09	85
S-18	0.000035	09	85
S-19	0.000034	09	85
S-20	0.000016	09	85
S-21	0.000017	09	85
S-05	0.000052	10	85
S-06	0.000159	10	85
S-07	0.000217	10	85
S-08	0.000240	10	85
S-09	0.000258	10	85
S-18	0.000065	10	85
S-19	0.000081	10	85
S-20	0.000028	10	85
S-21	0.000026	10	85
S-05	0.000076	11	85
S-06	0.000100	11	85
S-07	0.000116	11	85
S-08	0.000266	11	85
S-09	0.000236	11	85
S-18	0.000047	11	85
S-19	0.000052	11	85
S-20	0.000019	11	85
S-21	0.000017	11	85
S-05	0.000080	12	85
S-06	0.000141	12	85
S-07	0.000145	12	85
S-08	0.000117	12	85
S-09	0.000118	12	85
S-18	0.000089	12	85
S-19	0.000035	12	85
S-20	0.000042	12	85
S-21	0.000023	12	85

PLUTONIUM IN ONSITE AMBIENT AIR - 1986

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	02-JAN-86	28-JAN-86	2	24000	0.000084	0.000096
S-06	02-JAN-86	28-JAN-86	2	20000	0.000685	0.000757
S-07	02-JAN-86	28-JAN-86	2	21000	0.000142	0.000162
S-08	02-JAN-86	28-JAN-86	2	21000	0.000295	0.000329
S-09	02-JAN-86	28-JAN-86	2	24000	0.000380	0.000425
S-18	02-JAN-86	28-JAN-86	2	23000	0.000016	0.000020
S-19	02-JAN-86	28-JAN-86	2	17000	0.000049	0.000057
S-20	02-JAN-86	28-JAN-86	2	20000	0.000018	0.000023
S-21	02-JAN-86	28-JAN-86	2	25000	0.000005	0.000008
S-05	28-JAN-86	25-FEB-86	2	29000	0.000064	0.000075
S-06	28-JAN-86	25-FEB-86	2	27000	0.000039	0.000046
S-07	28-JAN-86	25-FEB-86	2	28000	0.000129	0.000145
S-08	28-JAN-86	25-FEB-86	2	25000	0.000233	0.000267
S-09	28-JAN-86	25-FEB-86	2	29000	0.000214	0.000240
S-18	28-JAN-86	25-FEB-86	2	28000	0.000028	0.000033
S-19	28-JAN-86	25-FEB-86	2	23000	0.000012	0.000016
S-20	28-JAN-86	25-FEB-86	2	24000	0.000003	0.000006
S-21	28-JAN-86	25-FEB-86	2	17000	0.000013	0.000018
S-05	25-FEB-86	25-MAR-86	2	29000	0.000241	0.000278
S-06	25-FEB-86	25-MAR-86	2	28000	0.000025	0.000030
S-07	25-FEB-86	25-MAR-86	2	26000	0.000132	0.000153
S-08	25-FEB-86	25-MAR-86	2	25000	0.000184	0.000207
S-09	25-FEB-86	25-MAR-86	2	28000	0.000135	0.000152
S-18	25-FEB-86	25-MAR-86	2	28000	0.000007	0.000010
S-19	25-FEB-86	25-MAR-86	2	22000	0.000026	0.000032
S-20	25-FEB-86	25-MAR-86	2	24000	0.000009	0.000013
S-21	25-FEB-86	25-MAR-86	2	29000	0.000002	0.000005
S-05	25-MAR-86	15-APR-86	2	25000	0.000011	0.000015
S-06	25-MAR-86	15-APR-86	2	24000	0.000010	0.000014
S-07	25-MAR-86	15-APR-86	2	23000	0.000231	0.000263
S-08	25-MAR-86	15-APR-86	2	24000	0.000363	0.000407
S-09	25-MAR-86	15-APR-86	2	23000	0.000168	0.000189
S-18	25-MAR-86	15-APR-86	2	23000	-0.000001	0.000002
S-19	25-MAR-86	15-APR-86	2	20000	0.000015	0.000020
S-20	25-MAR-86	15-APR-86	2	23000	0.000012	0.000017
S-21	25-MAR-86	15-APR-86	2	21000	0.000005	0.000009
S-05	15-APR-86	28-MAY-86	3	39000	0.000154	0.000177
S-06	15-APR-86	28-MAY-86	3	43000	0.000027	0.000033
S-07	15-APR-86	28-MAY-86	3	43000	0.000190	0.000219
S-08	15-APR-86	28-MAY-86	3	46000	0.000315	0.000361
S-09	15-APR-86	28-MAY-86	3	43000	0.000321	0.000369
S-18	15-APR-86	28-MAY-86	3	44000	0.000009	0.000012
S-19	15-APR-86	28-MAY-86	3	36000	0.000017	0.000022
S-20	15-APR-86	28-MAY-86	3	43000	0.000006	0.000010
S-21	15-APR-86	28-MAY-86	3	39000	0.000013	0.000018
S-05	28-MAY-86	24-JUN-86	2	25000	0.000015	0.000019
S-06	28-MAY-86	24-JUN-86	2	26000	0.000011	0.000015
S-07	28-MAY-86	24-JUN-86	2	27000	0.000179	0.000200
S-08	28-MAY-86	24-JUN-86	2	29000	0.000292	0.000332
S-09	28-MAY-86	24-JUN-86	2	25000	0.000353	0.000396
S-18	28-MAY-86	24-JUN-86	2	27000	0.000018	0.000022
S-19	28-MAY-86	24-JUN-86	2	22000	0.000019	0.000024
S-20	28-MAY-86	24-JUN-86	2	27000	0.000007	0.000011
S-21	28-MAY-86	24-JUN-86	2	24000	0.000005	0.000009

PLUTONIUM IN ONSITE AMBIENT AIR - 1986

LOCATION	UCL (pCi/m ³)	MONTH	YEAR
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S-05	0.000108	01	86
S-06	0.000829	01	86
S-07	0.000182	01	86
S-08	0.000363	01	86
S-09	0.000470	01	86
S-18	0.000024	01	86
S-19	0.000065	01	86
S-20	0.000028	01	86
S-21	0.000011	01	86
S-05	0.000086	02	86
S-06	0.000053	02	86
S-07	0.000161	02	86
S-08	0.000301	02	86
S-09	0.000266	02	86
S-18	0.000038	02	86
S-19	0.000020	02	86
S-20	0.000009	02	86
S-21	0.000023	02	86
S-05	0.000315	03	86
S-06	0.000035	03	86
S-07	0.000174	03	86
S-08	0.000230	03	86
S-09	0.000169	03	86
S-18	0.000013	03	86
S-19	0.000038	03	86
S-20	0.000017	03	86
S-21	0.000008	03	86
S-05	0.000019	04	86
S-06	0.000018	04	86
S-07	0.000295	04	86
S-08	0.000451	04	86
S-09	0.000210	04	86
S-18	0.000005	04	86
S-19	0.000025	04	86
S-20	0.000022	04	86
S-21	0.000013	04	86
S-05	0.000200	05	86
S-06	0.000039	05	86
S-07	0.000248	05	86
S-08	0.000407	05	86
S-09	0.000417	05	86
S-18	0.000015	05	86
S-19	0.000027	05	86
S-20	0.000014	05	86
S-21	0.000023	05	86
S-05	0.000023	06	86
S-06	0.000019	06	86
S-07	0.000221	06	86
S-08	0.000372	06	86
S-09	0.000439	06	86
S-18	0.000026	06	86
S-19	0.000029	06	86
S-20	0.000015	06	86
S-21	0.000013	06	86

PLUTONIUM IN ONSITE AMBIENT AIR - 1986

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	24-JUN-86	22-JUL-86	2	21000	0.000026	0.000032
S-06	24-JUN-86	22-JUL-86	2	26000	0.000026	0.000032
S-07	24-JUN-86	22-JUL-86	2	24000	0.000305	0.000346
S-08	24-JUN-86	22-JUL-86	2	28000	0.000513	0.000585
S-09	24-JUN-86	22-JUL-86	2	27000	0.000266	0.000296
S-18	24-JUN-86	22-JUL-86	2	26000	0.000103	0.000118
S-19	24-JUN-86	22-JUL-86	2	21000	0.000021	0.000027
S-20	24-JUN-86	22-JUL-86	2	27000	0.000025	0.000031
S-21	24-JUN-86	22-JUL-86	2	23000	0.000006	0.000011
S-05	22-JUL-86	19-AUG-86	2	10000	0.000176	0.000205
S-06	22-JUL-86	19-AUG-86	2	25000	0.000032	0.000039
S-07	22-JUL-86	19-AUG-86	2	25000	0.000429	0.000496
S-08	22-JUL-86	19-AUG-86	2	29000	0.000807	0.000952
S-09	22-JUL-86	19-AUG-86	2	22000	0.000576	0.000685
S-18	22-JUL-86	19-AUG-86	2	26000	0.000156	0.000182
S-19	22-JUL-86	19-AUG-86	2	20000	0.000356	0.000407
S-20	22-JUL-86	19-AUG-86	2	27000	0.000052	0.000062
S-21	22-JUL-86	19-AUG-86	2	23000	0.000007	0.000010
S-05	19-AUG-86	16-SEP-86	2	10000	0.000064	0.000078
S-06	19-AUG-86	16-SEP-86	2	27000	0.000020	0.000025
S-07	19-AUG-86	16-SEP-86	2	26000	0.000277	0.000315
S-08	19-AUG-86	16-SEP-86	2	28000	0.000955	0.001087
S-09	19-AUG-86	16-SEP-86	2	24000	0.000858	0.000946
S-18	19-AUG-86	16-SEP-86	2	28000	0.000046	0.000054
S-19	19-AUG-86	16-SEP-86	2	21000	0.000149	0.000170
S-20	19-AUG-86	16-SEP-86	2	28000	0.000016	0.000021
S-21	19-AUG-86	16-SEP-86	2	24000	0.000003	0.000007
S-05	16-SEP-86	28-OCT-86	3	32000	0.000022	0.000029
S-06	16-SEP-86	28-OCT-86	3	42000	0.000020	0.000025
S-07	16-SEP-86	28-OCT-86	3	41000	0.000203	0.000228
S-08	16-SEP-86	28-OCT-86	3	47000	0.000327	0.000363
S-09	16-SEP-86	28-OCT-86	3	39000	0.000281	0.000318
S-18	16-SEP-86	28-OCT-86	3	43000	0.000037	0.000044
S-19	16-SEP-86	28-OCT-86	3	32000	0.000026	0.000033
S-20	16-SEP-86	28-OCT-86	3	40000	0.000017	0.000022
S-21	16-SEP-86	28-OCT-86	3	39000	0.000005	0.000009
S-05	28-OCT-86	25-NOV-86	2	32000	0.000021	0.000026
S-06	28-OCT-86	25-NOV-86	2	28000	0.000010	0.000015
S-07	28-OCT-86	25-NOV-86	2	29000	0.000180	0.000205
S-08	28-OCT-86	25-NOV-86	2	31000	0.000331	0.000380
S-09	28-OCT-86	25-NOV-86	2	26000	0.000465	0.000526
S-18	28-OCT-86	25-NOV-86	2	29000	0.000020	0.000025
S-19	28-OCT-86	25-NOV-86	2	20000	0.000029	0.000036
S-20	28-OCT-86	25-NOV-86	2	29000	0.000006	0.000010
S-21	28-OCT-86	25-NOV-86	2	27000	0.000003	0.000007
S-05	25-NOV-86	23-DEC-86	2	31000	0.000023	0.000028
S-06	25-NOV-86	23-DEC-86	2	28000	0.000017	0.000023
S-07	25-NOV-86	23-DEC-86	2	29000	0.000084	0.000096
S-08	25-NOV-86	23-DEC-86	2	31000	0.000202	0.000229
S-09	25-NOV-86	23-DEC-86	2	28000	0.000276	0.000314
S-18	25-NOV-86	23-DEC-86	2	29000	0.000002	0.000006
S-19	25-NOV-86	23-DEC-86	2	21000	0.000032	0.000040
S-20	25-NOV-86	23-DEC-86	2	30000	0.000008	0.000012
S-21	25-NOV-86	23-DEC-86	2	27000	0.000002	0.000006

PLUTONIUM IN ONSITE AMBIENT AIR - 1986

LOCATION	UCL (pCi/m ³)	MONTH	YEAR
S-05	0.000038	07	86
S-06	0.000038	07	86
S-07	0.000387	07	86
S-08	0.000657	07	86
S-09	0.000326	07	86
S-18	0.000133	07	86
S-19	0.000033	07	86
S-20	0.000037	07	86
S-21	0.000016	07	86
S-05	0.000234	08	86
S-06	0.000046	08	86
S-07	0.000563	08	86
S-08	0.001097	08	86
S-09	0.000794	08	86
S-18	0.000208	08	86
S-19	0.000458	08	86
S-20	0.000072	08	86
S-21	0.000013	08	86
S-05	0.000092	09	86
S-06	0.000030	09	86
S-07	0.000353	09	86
S-08	0.001219	09	86
S-09	0.001034	09	86
S-18	0.000062	09	86
S-19	0.000191	09	86
S-20	0.000026	09	86
S-21	0.000011	09	86
S-05	0.000036	10	86
S-06	0.000030	10	86
S-07	0.000253	10	86
S-08	0.000399	10	86
S-09	0.000355	10	86
S-18	0.000051	10	86
S-19	0.000040	10	86
S-20	0.000027	10	86
S-21	0.000013	10	86
S-05	0.000031	11	86
S-06	0.000020	11	86
S-07	0.000230	11	86
S-08	0.000429	11	86
S-09	0.000587	11	86
S-18	0.000030	11	86
S-19	0.000043	11	86
S-20	0.000014	11	86
S-21	0.000011	11	86
S-05	0.000033	12	86
S-06	0.000029	12	86
S-07	0.000108	12	86
S-08	0.000256	12	86
S-09	0.000352	12	86
S-18	0.000010	12	86
S-19	0.000048	12	86
S-20	0.000016	12	86
S-21	0.000010	12	86

PLUTONIUM IN ONSITE AMBIENT AIR - 1987

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-05	23-DEC-86	27-JAN-87	2	38000	0.000029	0.000034
S-06	23-DEC-86	27-JAN-87	2	35000	0.000029	0.000035
S-07	23-DEC-86	27-JAN-87	2	35000	0.000178	0.000206
S-08	23-DEC-86	27-JAN-87	2	37000	0.000397	0.000445
S-09	23-DEC-86	27-JAN-87	2	39000	0.000283	0.000319
S-11	06-JAN-87	13-JAN-87	1	7000	-0.000009	-0.000001
S-18	23-DEC-86	27-JAN-87	2	34000	0.000011	0.000015
S-19	23-DEC-86	27-JAN-87	2	26000	0.000055	0.000064
S-20	23-DEC-86	27-JAN-87	2	37000	0.000012	0.000016
S-21	23-DEC-86	27-JAN-87	2	30000	0.000009	0.000014
S-23	06-JAN-87	13-JAN-87	1	8000	-0.000007	0.000000
S-05	27-JAN-87	24-FEB-87	2	30000	0.000059	0.000068
S-06	27-JAN-87	24-FEB-87	1	13000	0.000071	0.000082
S-07	27-JAN-87	24-FEB-87	2	27000	0.000389	0.000438
S-08	27-JAN-87	24-FEB-87	2	30000	0.000355	0.000399
S-09	27-JAN-87	24-FEB-87	2	29000	0.000804	0.000913
S-18	27-JAN-87	24-FEB-87	2	26000	0.000046	0.000055
S-19	27-JAN-87	24-FEB-87	2	15000	0.000079	0.000093
S-20	27-JAN-87	24-FEB-87	2	29000	0.000020	0.000026
S-21	27-JAN-87	24-FEB-87	2	24000	0.000029	0.000036
S-05	24-FEB-87	24-MAR-87	2	31000	0.000027	0.000034
S-06	24-FEB-87	24-MAR-87	2	28000	0.000046	0.000055
S-07	24-FEB-87	24-MAR-87	1	14000	0.000064	0.000075
S-08	24-FEB-87	24-MAR-87	2	31000	0.000128	0.000148
S-09	24-FEB-87	24-MAR-87	2	32000	0.000262	0.000302
S-18	24-FEB-87	24-MAR-87	2	27000	0.000004	0.000009
S-19	24-FEB-87	24-MAR-87	2	22000	0.000046	0.000057
S-20	24-FEB-87	24-MAR-87	2	31000	0.000015	0.000020
S-21	24-FEB-87	24-MAR-87	2	25000	0.000005	0.000010
S-05	24-MAR-87	21-APR-87	2	26000	0.000068	0.000083
S-06	24-MAR-87	21-APR-87	2	27000	0.000035	0.000044
S-07	24-MAR-87	21-APR-87	2	29000	0.000305	0.000344
S-08	24-MAR-87	21-APR-87	2	29000	0.000330	0.000376
S-09	24-MAR-87	21-APR-87	2	33000	0.000515	0.000580
S-18	24-MAR-87	21-APR-87	2	25000	0.000010	0.000016
S-19	24-MAR-87	21-APR-87	2	17000	0.000149	0.000173
S-20	24-MAR-87	21-APR-87	2	27000	0.000070	0.000083
S-21	24-MAR-87	21-APR-87	2	25000	0.000013	0.000018
S-05	21-APR-87	19-MAY-87	2	19000	0.000040	0.000049
S-06	21-APR-87	19-MAY-87	2	29000	0.000029	0.000035
S-07	21-APR-87	19-MAY-87	2	30000	0.000514	0.000575
S-08	21-APR-87	19-MAY-87	2	27000	0.000802	0.000895
S-09	21-APR-87	19-MAY-87	2	34000	0.001153	0.001290
S-18	21-APR-87	19-MAY-87	2	23000	0.000124	0.000141
S-19	21-APR-87	19-MAY-87	2	13000	0.000124	0.000145
S-20	21-APR-87	19-MAY-87	2	24000	0.000034	0.000042
S-21	21-APR-87	19-MAY-87	2	22000	0.000016	0.000023
S-05	19-MAY-87	30-JUN-87	3	24000	0.000048	0.000060
S-06	19-MAY-87	30-JUN-87	3	43000	0.000038	0.000046
S-07	19-MAY-87	30-JUN-87	3	43000	0.000820	0.000923
S-08	19-MAY-87	30-JUN-87	3	39000	0.001343	0.001550
S-09	19-MAY-87	30-JUN-87	3	49000	0.001339	0.001510
S-18	19-MAY-87	30-JUN-87	3	34000	0.000058	0.000069
S-19	19-MAY-87	30-JUN-87	3	17000	0.000227	0.000264

PLUTONIUM IN ONSITE AMBIENT AIR - 1987

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-05	0.000039	01	87
S-06	0.000041	01	87
S-07	0.000234	01	87
S-08	0.000493	01	87
S-09	0.000355	01	87
S-11	0.000007	01	87
S-18	0.000019	01	87
S-19	0.000073	01	87
S-20	0.000020	01	87
S-21	0.000019	01	87
S-23	0.000007	01	87
S-05	0.000077	02	87
S-06	0.000093	02	87
S-07	0.000487	02	87
S-08	0.000443	02	87
S-09	0.001022	02	87
S-18	0.000064	02	87
S-19	0.000107	02	87
S-20	0.000032	02	87
S-21	0.000043	02	87
S-05	0.000041	03	87
S-06	0.000064	03	87
S-07	0.000086	03	87
S-08	0.000168	03	87
S-09	0.000342	03	87
S-18	0.000014	03	87
S-19	0.000068	03	87
S-20	0.000025	03	87
S-21	0.000015	03	87
S-05	0.000098	04	87
S-06	0.000053	04	87
S-07	0.000383	04	87
S-08	0.000422	04	87
S-09	0.000645	04	87
S-18	0.000022	04	87
S-19	0.000197	04	87
S-20	0.000096	04	87
S-21	0.000023	04	87
S-05	0.000058	05	87
S-06	0.000041	05	87
S-07	0.000636	05	87
S-08	0.000988	05	87
S-09	0.001427	05	87
S-18	0.000158	05	87
S-19	0.000166	05	87
S-20	0.000050	05	87
S-21	0.000030	05	87
S-05	0.000072	06	87
S-06	0.000054	06	87
S-07	0.001026	06	87
S-08	0.001757	06	87
S-09	0.001681	06	87
S-18	0.000080	06	87
S-19	0.000301	06	87

PLUTONIUM IN ONSITE AMBIENT AIR - 1987

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-20	19-MAY-87	30-JUN-87	3	35000	0.000071	0.000084
S-21	19-MAY-87	30-JUN-87	3	32000	0.000022	0.000030
S-05	30-JUN-87	28-JUL-87	2	18000	0.000064	0.000076
S-06	30-JUN-87	28-JUL-87	2	28000	0.000118	0.000134
S-07	30-JUN-87	28-JUL-87	2	27000	0.003735	0.004170
S-08	30-JUN-87	28-JUL-87	2	25000	0.002666	0.003018
S-09	30-JUN-87	28-JUL-87	2	34000	0.001644	0.001859
S-18	30-JUN-87	28-JUL-87	2	22000	0.000157	0.000179
S-19	30-JUN-87	28-JUL-87	2	14000	0.000232	0.000267
S-20	30-JUN-87	28-JUL-87	2	23000	0.000066	0.000077
S-21	30-JUN-87	28-JUL-87	2	19000	0.000044	0.000054

LOCATION	UCL (pCi/m ³)	MONTH	YEAR
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S-20	0.000097	06	87
S-21	0.000038	06	87
S-05	0.000088	07	87
S-06	0.000150	07	87
S-07	0.004605	07	87
S-08	0.003370	07	87
S-09	0.002074	07	87
S-18	0.000201	07	87
S-19	0.000302	07	87
S-20	0.000088	07	87
S-21	0.000064	07	87

APPENDIX I-2
PERIMETER SAMPLERS

PLUTONIUM IN PERIMETER AMBIENT AIR - 1975

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-31	01-JAN-75	31-JAN-75	1	32000		0.000019
S-32	01-JAN-75	31-JAN-75	1	39000		0.000023
S-33	01-JAN-75	31-JAN-75	1	37000		0.000031
S-37	01-JAN-75	31-JAN-75	1	31000		0.000053
S-39	01-JAN-75	31-JAN-75	1	35000		0.000022
S-40	01-JAN-75	31-JAN-75	1	35000		0.000045
S-41	01-JAN-75	31-JAN-75	1	34000		0.000035
S-42	01-JAN-75	31-JAN-75	1	38000		0.000038
S-43	01-JAN-75	31-JAN-75	1	38000		0.000018
S-31	01-FEB-75	28-FEB-75	1	27000		0.000039
S-32	01-FEB-75	28-FEB-75	1	47000		0.000025
S-33	01-FEB-75	28-FEB-75	1	32000		0.000035
S-37	01-FEB-75	28-FEB-75	1	50000		0.000036
S-39	01-FEB-75	28-FEB-75	1	36000		0.000038
S-40	01-FEB-75	28-FEB-75	1	23000		0.000057
S-41	01-FEB-75	28-FEB-75	1	19000		0.000077
S-42	01-FEB-75	28-FEB-75	1	23000		0.000058
S-43	01-FEB-75	28-FEB-75	1	8000		0.000147
S-44	01-FEB-75	28-FEB-75	1	26000		0.000041
S-31	01-MAR-75	31-MAR-75	1	44000		0.000040
S-32	01-MAR-75	31-MAR-75	1	54000		0.000030
S-33	01-MAR-75	31-MAR-75	1	53000		0.000059
S-37	01-MAR-75	31-MAR-75	1	50000		0.000037
S-38	01-MAR-75	31-MAR-75	1	51000		0.000040
S-39	01-MAR-75	31-MAR-75	1	39000		0.000031
S-40	01-MAR-75	31-MAR-75	1	47000		0.000039
S-41	01-MAR-75	31-MAR-75	1	29000		0.000046
S-42	01-MAR-75	31-MAR-75	1	40000		0.000050
S-43	01-MAR-75	31-MAR-75	1	41000		0.000055
S-44	01-MAR-75	31-MAR-75	1	50000		0.000033
S-31	01-APR-75	30-APR-75	1	36000		0.000047
S-32	01-APR-75	30-APR-75	1	44000		0.000037
S-33	01-APR-75	30-APR-75	1	42000		0.000048
S-37	01-APR-75	30-APR-75	1	41000		0.000055
S-38	01-APR-75	30-APR-75	1	41000		0.000046
S-39	01-APR-75	30-APR-75	1	39000		0.000056
S-40	01-APR-75	30-APR-75	1	37000		0.000058
S-41	01-APR-75	30-APR-75	1	48000		0.000064
S-42	01-APR-75	30-APR-75	1	33000		0.000071
S-43	01-APR-75	30-APR-75	1	34000		0.000067
S-44	01-APR-75	30-APR-75	1	39000		0.000047
S-31	01-MAY-75	31-MAY-75	1	36000		0.000144
S-32	01-MAY-75	31-MAY-75	1	42000		0.000125
S-33	01-MAY-75	31-MAY-75	1	43000		0.000097
S-37	01-MAY-75	31-MAY-75	1	41000		0.000172
S-38	01-MAY-75	31-MAY-75	1	42000		0.000097
S-39	01-MAY-75	31-MAY-75	1	39000		0.000102
S-40	01-MAY-75	31-MAY-75	1	38000		0.000117
S-41	01-MAY-75	31-MAY-75	1	38000		0.000136
S-42	01-MAY-75	31-MAY-75	1	33000		0.000137
S-43	01-MAY-75	31-MAY-75	1	34000		0.000185
S-44	01-MAY-75	31-MAY-75	1	39000		0.000077
S-31	01-JUN-75	30-JUN-75	1	36000		0.000028
S-32	01-JUN-75	30-JUN-75	1	41000		0.000134

PLUTONIUM IN PERIMETER AMBIENT AIR - 1975

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31			01	75
S-32			01	75
S-33			01	75
S-37			01	75
S-39			01	75
S-40			01	75
S-41			01	75
S-42			01	75
S-43			01	75
S-31			02	75
S-32			02	75
S-33			02	75
S-37			02	75
S-39			02	75
S-40			02	75
S-41			02	75
S-42			02	75
S-43			02	75
S-44			02	75
S-31			03	75
S-32			03	75
S-33			03	75
S-37			03	75
S-38			03	75
S-39			03	75
S-40			03	75
S-41			03	75
S-42			03	75
S-43			03	75
S-44			03	75
S-31			04	75
S-32			04	75
S-33			04	75
S-37			04	75
S-38			04	75
S-39			04	75
S-40			04	75
S-41			04	75
S-42			04	75
S-43			04	75
S-44			04	75
S-31			05	75
S-32			05	75
S-33			05	75
S-37			05	75
S-38			05	75
S-39			05	75
S-40			05	75
S-41			05	75
S-42			05	75
S-43			05	75
S-44			05	75
S-31			06	75
S-32			06	75

PLUTONIUM IN PERIMETER AMBIENT AIR - 1975

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-33	01-JUN-75	30-JUN-75	1	43000		0.000031
S-37	01-JUN-75	30-JUN-75	1	42000		0.000029
S-38	01-JUN-75	30-JUN-75	1	42000		0.000023
S-39	01-JUN-75	30-JUN-75	1	38000		0.000030
S-40	01-JUN-75	30-JUN-75	1	40000		0.000034
S-41	01-JUN-75	30-JUN-75	1	38000		0.000032
S-42	01-JUN-75	30-JUN-75	1	33000		0.000040
S-43	01-JUN-75	30-JUN-75	1	35000		0.000032
S-44	01-JUN-75	30-JUN-75	1	30000		0.000039
S-31	01-JUL-75	31-JUL-75	1	44000		0.000028
S-32	01-JUL-75	31-JUL-75	1	51000		0.000020
S-33	01-JUL-75	31-JUL-75	1	54000		0.000024
S-37	01-JUL-75	31-JUL-75	1	51000		0.000030
S-38	01-JUL-75	31-JUL-75	1	51000		0.000025
S-39	01-JUL-75	31-JUL-75	1	48000		0.000020
S-40	01-JUL-75	31-JUL-75	1	48000		0.000020
S-41	01-JUL-75	31-JUL-75	1	46000		0.000019
S-42	01-JUL-75	31-JUL-75	1	41000		0.000030
S-43	01-JUL-75	31-JUL-75	1	43000		0.000037
S-44	01-JUL-75	31-JUL-75	1	41000		0.000035
S-31	01-AUG-75	31-AUG-75	1	35000		0.000014
S-32	01-AUG-75	31-AUG-75	1	41000		0.000009
S-33	01-AUG-75	31-AUG-75	1	44000		0.000011
S-37	01-AUG-75	31-AUG-75	1	41000		0.000008
S-38	01-AUG-75	31-AUG-75	1	42000		0.000014
S-39	01-AUG-75	31-AUG-75	1	39000		0.000015
S-40	01-AUG-75	31-AUG-75	1	38000		0.000011
S-41	01-AUG-75	31-AUG-75	1	38000		0.000015
S-42	01-AUG-75	31-AUG-75	1	32000		0.000015
S-43	01-AUG-75	31-AUG-75	1	26000		0.000028
S-44	01-AUG-75	31-AUG-75	1	29000		0.000018
S-31	01-SEP-75	30-SEP-75	1	37000		0.000018
S-32	01-SEP-75	30-SEP-75	1	42000		0.000026
S-33	01-SEP-75	30-SEP-75	1	34000		0.000012
S-37	01-SEP-75	30-SEP-75	1	43000		0.000008
S-38	01-SEP-75	30-SEP-75	1	44000		0.000007
S-39	01-SEP-75	30-SEP-75	1	41000		0.000001
S-40	01-SEP-75	30-SEP-75	1	39000		0.000007
S-41	01-SEP-75	30-SEP-75	1	39000		0.000005
S-42	01-SEP-75	30-SEP-75	1	33000		0.000008
S-43	01-SEP-75	30-SEP-75	1	35000		0.000082
S-44	01-SEP-75	30-SEP-75	1	41000		0.000018
S-31	01-OCT-75	31-OCT-75	1	46000		0.000009
S-32	01-OCT-75	31-OCT-75	1	42000		0.000008
S-33	01-OCT-75	31-OCT-75	1	45000		0.000055
S-34	01-OCT-75	31-OCT-75	1	24000		0.000176
S-35	01-OCT-75	31-OCT-75	1	23000		0.000116
S-36	01-OCT-75	31-OCT-75	1	10000		0.000010
S-37	01-OCT-75	31-OCT-75	1	54000		0.000198
S-38	01-OCT-75	31-OCT-75	1	43000		0.000017
S-39	01-OCT-75	31-OCT-75	1	51000		0.000003
S-40	01-OCT-75	31-OCT-75	1	60000		0.000198
S-41	01-OCT-75	31-OCT-75	1	39000		0.000004
S-42	01-OCT-75	31-OCT-75	1	32000		0.000009

PLUTONIUM IN PERIMETER AMBIENT AIR - 1975

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-33			06	75
S-37			06	75
S-38			06	75
S-39			06	75
S-40			06	75
S-41			06	75
S-42			06	75
S-43			06	75
S-44			06	75
S-31			07	75
S-32			07	75
S-33			07	75
S-37			07	75
S-38			07	75
S-39			07	75
S-40			07	75
S-41			07	75
S-42			07	75
S-43			07	75
S-44			07	75
S-31			08	75
S-32			08	75
S-33			08	75
S-37			08	75
S-38			08	75
S-39			08	75
S-40			08	75
S-41			08	75
S-42			08	75
S-43			08	75
S-44			08	75
S-31			09	75
S-32			09	75
S-33			09	75
S-37			09	75
S-38			09	75
S-39			09	75
S-40			09	75
S-41			09	75
S-42			09	75
S-43			09	75
S-44			09	75
S-31			10	75
S-32			10	75
S-33			10	75
S-34			10	75
S-35			10	75
S-36			10	75
S-37			10	75
S-38			10	75
S-39			10	75
S-40			10	75
S-41			10	75
S-42			10	75

PLUTONIUM IN PERIMETER AMBIENT AIR - 1975

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-43	01-OCT-75	31-OCT-75	1	40000		0.000033
S-44	01-OCT-75	31-OCT-75	1	50000		0.000011
S-31	01-NOV-75	30-NOV-75	1	46000	0	0.000001
S-32	01-NOV-75	30-NOV-75	1	52000	0	0.000001
S-33	01-NOV-75	30-NOV-75	1	54000	0	0.000001
S-34	01-NOV-75	30-NOV-75	1	52000	0	0.000001
S-35	01-NOV-75	30-NOV-75	1	53000		0.000006
S-36	01-NOV-75	30-NOV-75	1	48000		0.000012
S-37	01-NOV-75	30-NOV-75	1	53000		0.000003
S-38	01-NOV-75	30-NOV-75	1	54000		0.000004
S-39	01-NOV-75	30-NOV-75	1	51000		0.000006
S-40	01-NOV-75	30-NOV-75	1	47000		0.000030
S-41	01-NOV-75	30-NOV-75	1	58000	0	0.000001
S-42	01-NOV-75	30-NOV-75	1	40000	0	0.000001
S-43	01-NOV-75	30-NOV-75	1	28000	0	0.000001
S-44	01-NOV-75	30-NOV-75	1	40000	0	0.000001
S-31	01-DEC-75	31-DEC-75	1	43000		0.000011
S-32	01-DEC-75	31-DEC-75	1	49000		0.000008
S-33	01-DEC-75	31-DEC-75	1	52000		0.000007
S-34	01-DEC-75	31-DEC-75	1	43000		0.000005
S-35	01-DEC-75	31-DEC-75	1	43000		0.000005
S-36	01-DEC-75	31-DEC-75	0			
S-37	01-DEC-75	31-DEC-75	1	49000		0.000013
S-38	01-DEC-75	31-DEC-75	1	50000		0.000003
S-39	01-DEC-75	31-DEC-75	1	47000		0.000009
S-40	01-DEC-75	31-DEC-75	1	44000		0.000011
S-41	01-DEC-75	31-DEC-75	1	45000		0.000005
S-42	01-DEC-75	31-DEC-75	1	38000		0.000007
S-43	01-DEC-75	31-DEC-75	0			
S-44	01-DEC-75	31-DEC-75	1	42000		0.000004

PLUTONIUM IN PERIMETER AMBIENT AIR - 1975

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43			10	75
S-44			10	75
S-31	0.000001	<	11	75
S-32	0.000001	<	11	75
S-33	0.000001	<	11	75
S-34	0.000001	<	11	75
S-35			11	75
S-36			11	75
S-37			11	75
S-38			11	75
S-39			11	75
S-40			11	75
S-41	0.000001	<	11	75
S-42	0.000001	<	11	75
S-43	0.000001	<	11	75
S-44	0.000001	<	11	75
S-31			12	75
S-32			12	75
S-33			12	75
S-34			12	75
S-35			12	75
S-36			12	75
S-37			12	75
S-38			12	75
S-39			12	75
S-40			12	75
S-41			12	75
S-42			12	75
S-43			12	75
S-44			12	75

PLUTONIUM IN PERIMETER AMBIENT AIR - 1976

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-31	01-JAN-76	31-JAN-76	1	37000		0.000006
S-32	01-JAN-76	31-JAN-76	1	43000		0.000008
S-33	01-JAN-76	31-JAN-76	1	50000		0.000005
S-34	01-JAN-76	31-JAN-76	1	46000		0.000005
S-35	01-JAN-76	31-JAN-76	1	43000		0.000006
S-36	01-JAN-76	31-JAN-76	1	29000		0.000012
S-37	01-JAN-76	31-JAN-76	1	28000		0.000013
S-38	01-JAN-76	31-JAN-76	1	44000		0.000006
S-39	01-JAN-76	31-JAN-76	1	41000		0.000010
S-40	01-JAN-76	31-JAN-76	1	39000		0.000010
S-41	01-JAN-76	31-JAN-76	1	40000		0.000006
S-42	01-JAN-76	31-JAN-76	1	33000		0.000006
S-43	01-JAN-76	31-JAN-76	1	35000		0.000008
S-44	01-JAN-76	31-JAN-76	1	55000		0.000005
S-31	01-FEB-76	29-FEB-76	4	34000		0.000014
S-32	01-FEB-76	29-FEB-76	4	39000		0.000010
S-33	01-FEB-76	29-FEB-76	4	41000		0.000008
S-34	01-FEB-76	29-FEB-76	4	37000		0.000009
S-35	01-FEB-76	29-FEB-76	4	42000		0.000010
S-36	01-FEB-76	29-FEB-76	4	39000		0.000009
S-37	01-FEB-76	29-FEB-76	4	53000		0.000046
S-38	01-FEB-76	29-FEB-76	4	40000		0.000013
S-39	01-FEB-76	29-FEB-76	4	36000		0.000012
S-40	01-FEB-76	29-FEB-76	4	36000		0.000012
S-41	01-FEB-76	29-FEB-76	4	37000		0.000014
S-42	01-FEB-76	29-FEB-76	4	30000		0.000011
S-43	01-FEB-76	29-FEB-76	4	28000		0.000015
S-44	01-FEB-76	29-FEB-76	4	43000		0.000023
S-31	01-MAR-76	31-MAR-76	3	39000		0.000018
S-32	01-MAR-76	31-MAR-76	3	49000		0.000011
S-33	01-MAR-76	31-MAR-76	3	46000		0.000010
S-34	01-MAR-76	31-MAR-76	3	42000		0.000010
S-35	01-MAR-76	31-MAR-76	3	43000		0.000010
S-36	01-MAR-76	31-MAR-76	3	49000		0.000009
S-37	01-MAR-76	31-MAR-76	3	50000		0.000013
S-38	01-MAR-76	31-MAR-76	3	45000		0.000011
S-39	01-MAR-76	31-MAR-76	3	42000		0.000013
S-40	01-MAR-76	31-MAR-76	3	40000		0.000013
S-41	01-MAR-76	31-MAR-76	3	41000		0.000012
S-42	01-MAR-76	31-MAR-76	3	34000		0.000012
S-43	01-MAR-76	31-MAR-76	3	36000		0.000021
S-44	01-MAR-76	31-MAR-76	3	44000		0.000011
S-31	01-APR-76	30-APR-76	2	37000		0.000015
S-32	01-APR-76	30-APR-76	2	43000		0.000013
S-33	01-APR-76	30-APR-76	2	45000		0.000012
S-34	01-APR-76	30-APR-76	2	46000		0.000010
S-35	01-APR-76	30-APR-76	2	43000		0.000016
S-36	01-APR-76	30-APR-76	2	44000		0.000023
S-37	01-APR-76	30-APR-76	2	45000		0.000013
S-38	01-APR-76	30-APR-76	2	44000		0.000016
S-39	01-APR-76	30-APR-76	2	40000		0.000015
S-40	01-APR-76	30-APR-76	1	24000		0.000014
S-41	01-APR-76	30-APR-76	2	39000		0.000013
S-42	01-APR-76	30-APR-76	2	33000		0.000011

PLUTONIUM IN PERIMETER AMBIENT AIR - 1976

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31		01		76
S-32		01		76
S-33		01		76
S-34		01		76
S-35		01		76
S-36		01		76
S-37		01		76
S-38		01		76
S-39		01		76
S-40		01		76
S-41		01		76
S-42		01		76
S-43		01		76
S-44		01		76
S-31		02		76
S-32		02		76
S-33		02		76
S-34		02		76
S-35		02		76
S-36		02		76
S-37		02		76
S-38		02		76
S-39		02		76
S-40		02		76
S-41		02		76
S-42		02		76
S-43		02		76
S-44		02		76
S-31		03		76
S-32		03		76
S-33		03		76
S-34		03		76
S-35		03		76
S-36		03		76
S-37		03		76
S-38		03		76
S-39		03		76
S-40		03		76
S-41		03		76
S-42		03		76
S-43		03		76
S-44		03		76
S-31		04		76
S-32		04		76
S-33		04		76
S-34		04		76
S-35		04		76
S-36		04		76
S-37		04		76
S-38		04		76
S-39		04		76
S-40		04		76
S-41		04		76
S-42		04		76

PLUTONIUM IN PERIMETER AMBIENT AIR - 1976

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-43	01-APR-76	30-APR-76	1	26000		0.000017
S-44	01-APR-76	30-APR-76	2	42000		0.000008
S-31	01-MAY-76	31-MAY-76	1	37000		0.000011
S-32	01-MAY-76	31-MAY-76	1	43000		0.000008
S-33	01-MAY-76	31-MAY-76	1	46000		0.000010
S-34	01-MAY-76	31-MAY-76	1	32000		0.000017
S-35	01-MAY-76	31-MAY-76	1	33000		0.000012
S-36	01-MAY-76	31-MAY-76	1	29000		0.000014
S-37	01-MAY-76	31-MAY-76	1	44000		0.000010
S-38	01-MAY-76	31-MAY-76	1	43000		0.000009
S-39	01-MAY-76	31-MAY-76	1	30000		0.000013
S-40	01-MAY-76	31-MAY-76	1	38000		0.000009
S-41	01-MAY-76	31-MAY-76	1	39000		0.000008
S-42	01-MAY-76	31-MAY-76	1	33000		0.000014
S-43	01-MAY-76	31-MAY-76	1	29000		0.000013
S-44	01-MAY-76	31-MAY-76	1	41000		0.000006
S-31	01-JUN-76	30-JUN-76	2	37000		0.000015
S-32	01-JUN-76	30-JUN-76	2	42000		0.000013
S-33	01-JUN-76	30-JUN-76	2	44000		0.000012
S-34	01-JUN-76	30-JUN-76	2	45000		0.000013
S-35	01-JUN-76	30-JUN-76	2	41000		0.000015
S-36	01-JUN-76	30-JUN-76	2	38000		0.000015
S-37	01-JUN-76	30-JUN-76	2	41000		0.000055
S-38	01-JUN-76	30-JUN-76	2	44000		0.000009
S-39	01-JUN-76	30-JUN-76	2	40000		0.000019
S-40	01-JUN-76	30-JUN-76	2	37000		0.000016
S-41	01-JUN-76	30-JUN-76	2	39000		0.000013
S-42	01-JUN-76	30-JUN-76	2	33000		0.000016
S-43	01-JUN-76	30-JUN-76	2	35000		0.000014
S-44	01-JUN-76	30-JUN-76	2	40000		0.000011
S-31	01-JUL-76	31-JUL-76	1	17000		0.000010
S-32	01-JUL-76	31-JUL-76	2	40000		0.000015
S-33	01-JUL-76	31-JUL-76	0			
S-34	01-JUL-76	31-JUL-76	1	21000		0.000021
S-35	01-JUL-76	31-JUL-76	2	42000		0.000004
S-36	01-JUL-76	31-JUL-76	1	19000		0.000012
S-37	01-JUL-76	31-JUL-76	2	43000		0.000007
S-38	01-JUL-76	31-JUL-76	2	42000		0.000017
S-39	01-JUL-76	31-JUL-76	2	40000		0.000007
S-40	01-JUL-76	31-JUL-76	2	37000		0.000010
S-41	01-JUL-76	31-JUL-76	2	38000		0.000009
S-42	01-JUL-76	31-JUL-76	2	36000		0.000018
S-43	01-JUL-76	31-JUL-76	2	26000		0.000012
S-44	01-JUL-76	31-JUL-76	2	41000		0.000015
S-31	01-AUG-76	31-AUG-76	2	36000		0.000007
S-32	01-AUG-76	31-AUG-76	2	41000		0.000006
S-33	01-AUG-76	31-AUG-76	2	44000		0.000006
S-34	01-AUG-76	31-AUG-76	2	41000		0.000004
S-35	01-AUG-76	31-AUG-76	2	41000		0.000005
S-36	01-AUG-76	31-AUG-76	2	39000		0.000007
S-37	01-AUG-76	31-AUG-76	2	42000		0.000010
S-38	01-AUG-76	31-AUG-76	2	41000		0.000007
S-39	01-AUG-76	31-AUG-76	2	40000		0.000005
S-40	01-AUG-76	31-AUG-76	2	37000		0.000005

PLUTONIUM IN PERIMETER AMBIENT AIR - 1976

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43		04		76
S-44		04		76
S-31		05		76
S-32		05		76
S-33		05		76
S-34		05		76
S-35		05		76
S-36		05		76
S-37		05		76
S-38		05		76
S-39		05		76
S-40		05		76
S-41		05		76
S-42		05		76
S-43		05		76
S-44		05		76
S-31		06		76
S-32		06		76
S-33		06		76
S-34		06		76
S-35		06		76
S-36		06		76
S-37		06		76
S-38		06		76
S-39		06		76
S-40		06		76
S-41		06		76
S-42		06		76
S-43		06		76
S-44		06		76
S-31		07		76
S-32		07		76
S-33		07		76
S-34		07		76
S-35		07		76
S-36		07		76
S-37		07		76
S-38		07		76
S-39		07		76
S-40		07		76
S-41		07		76
S-42		07		76
S-43		07		76
S-44		07		76
S-31		08		76
S-32		08		76
S-33		08		76
S-34		08		76
S-35		08		76
S-36		08		76
S-37		08		76
S-38		08		76
S-39		08		76
S-40		08		76

PLUTONIUM IN PERIMETER AMBIENT AIR - 1976

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-41	01-AUG-76	31-AUG-76	2	38000		0.000006
S-42	01-AUG-76	31-AUG-76	2	34000		0.000005
S-43	01-AUG-76	31-AUG-76	2	34000		0.000005
S-44	01-AUG-76	31-AUG-76	2	40000		0.000005
S-31	01-SEP-76	30-SEP-76	2	34000		0.000007
S-32	01-SEP-76	30-SEP-76	2	39000		0.000011
S-33	01-SEP-76	30-SEP-76	2	43000		0.000006
S-34	01-SEP-76	30-SEP-76	2	42000		0.000006
S-35	01-SEP-76	30-SEP-76	2	42000		0.000005
S-36	01-SEP-76	30-SEP-76	2	37000		0.000007
S-37	01-SEP-76	30-SEP-76	2	41000		0.000012
S-38	01-SEP-76	30-SEP-76	2	42000		0.000015
S-39	01-SEP-76	30-SEP-76	2	40000		0.000012
S-40	01-SEP-76	30-SEP-76	2	35000		0.000008
S-41	01-SEP-76	30-SEP-76	2	37000		0.000013
S-42	01-SEP-76	30-SEP-76	2	35000		0.000011
S-43	01-SEP-76	30-SEP-76	2	33000		0.000002
S-44	01-SEP-76	30-SEP-76	2	29000		0.000009
S-31	01-OCT-76	31-OCT-76	1	18000		0.000003
S-32	01-OCT-76	31-OCT-76	2	42000		0.000004
S-33	01-OCT-76	31-OCT-76	2	44000		0.000007
S-34	01-OCT-76	31-OCT-76	2	42000		0.000004
S-35	01-OCT-76	31-OCT-76	2	41000		0.000006
S-36	01-OCT-76	31-OCT-76	2	37000		0.000004
S-37	01-OCT-76	31-OCT-76	2	43000		0.000011
S-38	01-OCT-76	31-OCT-76	2	42000		0.000004
S-39	01-OCT-76	31-OCT-76	2	40000		0.000006
S-40	01-OCT-76	31-OCT-76	2	37000		0.000004
S-41	01-OCT-76	31-OCT-76	2	38000		0.000004
S-42	01-OCT-76	31-OCT-76	2	36000		0.000004
S-43	01-OCT-76	31-OCT-76	2	35000		0.000009
S-44	01-OCT-76	31-OCT-76	2	40000		0.000002
S-31	01-NOV-76	30-NOV-76	4			0.000017
S-32	01-NOV-76	30-NOV-76	4			0.000012
S-33	01-NOV-76	30-NOV-76	4			0.000031
S-34	01-NOV-76	30-NOV-76	4			0.000028
S-35	01-NOV-76	30-NOV-76	4			0.000037
S-36	01-NOV-76	30-NOV-76	4			0.000051
S-37	01-NOV-76	30-NOV-76	4			0.000049
S-38	01-NOV-76	30-NOV-76	4			0.000036
S-39	01-NOV-76	30-NOV-76	4			0.000025
S-40	01-NOV-76	30-NOV-76	4			0.000034
S-41	01-NOV-76	30-NOV-76	4			0.000027
S-42	01-NOV-76	30-NOV-76	4			0.000028
S-43	01-NOV-76	30-NOV-76	3			0.000020
S-44	01-NOV-76	30-NOV-76	3			0.000037
S-31	01-DEC-76	31-DEC-76	2			0.000008
S-32	01-DEC-76	31-DEC-76	2			0.000006
S-33	01-DEC-76	31-DEC-76	2			0.000003
S-34	01-DEC-76	31-DEC-76	2			0.000005
S-35	01-DEC-76	31-DEC-76	2			0.000006
S-36	01-DEC-76	31-DEC-76	2			0.000008
S-37	01-DEC-76	31-DEC-76	2			0.000022
S-38	01-DEC-76	31-DEC-76	2			0.000006

PLUTONIUM IN PERIMETER AMBIENT AIR - 1976

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-41		08		76
S-42		08		76
S-43		08		76
S-44		08		76
S-31		09		76
S-32		09		76
S-33		09		76
S-34		09		76
S-35		09		76
S-36		09		76
S-37		09		76
S-38		09		76
S-39		09		76
S-40		09		76
S-41		09		76
S-42		09		76
S-43		09		76
S-44		09		76
S-31		10		76
S-32		10		76
S-33		10		76
S-34		10		76
S-35		10		76
S-36		10		76
S-37		10		76
S-38		10		76
S-39		10		76
S-40		10		76
S-41		10		76
S-42		10		76
S-43		10		76
S-44		10		76
S-31		11		76
S-32		11		76
S-33		11		76
S-34		11		76
S-35		11		76
S-36		11		76
S-37		11		76
S-38		11		76
S-39		11		76
S-40		11		76
S-41		11		76
S-42		11		76
S-43		11		76
S-44		11		76
S-31		12		76
S-32		12		76
S-33		12		76
S-34		12		76
S-35		12		76
S-36		12		76
S-37		12		76
S-38		12		76

PLUTONIUM IN PERIMETER AMBIENT AIR - 1976

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-39	01-DEC-76	31-DEC-76	2			0.000005
S-40	01-DEC-76	31-DEC-76	2			0.000010
S-41	01-DEC-76	31-DEC-76	2			0.000005
S-42	01-DEC-76	31-DEC-76	2			0.000005
S-43	01-DEC-76	31-DEC-76	2			0.000009
S-44	01-DEC-76	31-DEC-76	2			0.000007

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39			12	76
S-40			12	76
S-41			12	76
S-42			12	76
S-43			12	76
S-44			12	76

PLUTONIUM IN PERIMETER AMBIENT AIR - 1977

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-31	01-JAN-77	31-JAN-77	2			0.000006
S-32	01-JAN-77	31-JAN-77	2			0.000005
S-33	01-JAN-77	31-JAN-77	2			0.000006
S-34	01-JAN-77	31-JAN-77	2			0.000010
S-35	01-JAN-77	31-JAN-77	2			0.000007
S-36	01-JAN-77	31-JAN-77	2			0.000014
S-37	01-JAN-77	31-JAN-77	2			0.000024
S-38	01-JAN-77	31-JAN-77	2			0.000008
S-39	01-JAN-77	31-JAN-77	2			0.000010
S-40	01-JAN-77	31-JAN-77	2			0.000025
S-41	01-JAN-77	31-JAN-77	2			0.000004
S-42	01-JAN-77	31-JAN-77	2			0.000008
S-43	01-JAN-77	31-JAN-77	2			0.000008
S-44	01-JAN-77	31-JAN-77	2			0.000006
S-31	01-FEB-77	28-FEB-77	2			0.000010
S-32	01-FEB-77	28-FEB-77	2			0.000005
S-33	01-FEB-77	28-FEB-77	2			0.000008
S-34	01-FEB-77	28-FEB-77	2			0.000008
S-35	01-FEB-77	28-FEB-77	2			0.000008
S-36	01-FEB-77	28-FEB-77	2			0.000009
S-37	01-FEB-77	28-FEB-77	2			0.000012
S-38	01-FEB-77	28-FEB-77	2			0.000007
S-39	01-FEB-77	28-FEB-77	2			0.000007
S-40	01-FEB-77	28-FEB-77	2			0.000012
S-41	01-FEB-77	28-FEB-77	2			0.000007
S-42	01-FEB-77	28-FEB-77	2			0.000009
S-43	01-FEB-77	28-FEB-77	2			0.000010
S-44	01-FEB-77	28-FEB-77	2			0.000009
S-31	01-MAR-77	31-MAR-77	2			0.000016
S-32	01-MAR-77	31-MAR-77	2			0.000015
S-33	01-MAR-77	31-MAR-77	2			0.000014
S-34	01-MAR-77	31-MAR-77	2			0.000017
S-35	01-MAR-77	31-MAR-77	2			0.000015
S-36	01-MAR-77	31-MAR-77	2			0.000020
S-37	01-MAR-77	31-MAR-77	2			0.000017
S-38	01-MAR-77	31-MAR-77	2			0.000015
S-39	01-MAR-77	31-MAR-77	2			0.000014
S-40	01-MAR-77	31-MAR-77	2			0.000020
S-41	01-MAR-77	31-MAR-77	2			0.000016
S-42	01-MAR-77	31-MAR-77	2			0.000015
S-43	01-MAR-77	31-MAR-77	2			0.000020
S-44	01-MAR-77	31-MAR-77	2			0.000016
S-31	01-APR-77	30-APR-77	2	32000		0.000020
S-32	01-APR-77	30-APR-77	2	42000		0.000019
S-33	01-APR-77	30-APR-77	2	38000		0.000021
S-34	01-APR-77	30-APR-77	2	36000		0.000022
S-35	01-APR-77	30-APR-77	2	40000		0.000017
S-36	01-APR-77	30-APR-77	2	35000		0.000025
S-37	01-APR-77	30-APR-77	2	40000		0.000023
S-38	01-APR-77	30-APR-77	2	41000		0.000015
S-39	01-APR-77	30-APR-77	2	36000		0.000023
S-40	01-APR-77	30-APR-77	2	30000		0.000023
S-41	01-APR-77	30-APR-77	2	33000		0.000022
S-42	01-APR-77	30-APR-77	2	33000		0.000024

PLUTONIUM IN PERIMETER AMBIENT AIR - 1977

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31		01	77	
S-32		01	77	
S-33		01	77	
S-34		01	77	
S-35		01	77	
S-36		01	77	
S-37		01	77	
S-38		01	77	
S-39		01	77	
S-40		01	77	
S-41		01	77	
S-42		01	77	
S-43		01	77	
S-44		01	77	
S-31		02	77	
S-32		02	77	
S-33		02	77	
S-34		02	77	
S-35		02	77	
S-36		02	77	
S-37		02	77	
S-38		02	77	
S-39		02	77	
S-40		02	77	
S-41		02	77	
S-42		02	77	
S-43		02	77	
S-44		02	77	
S-31		03	77	
S-32		03	77	
S-33		03	77	
S-34		03	77	
S-35		03	77	
S-36		03	77	
S-37		03	77	
S-38		03	77	
S-39		03	77	
S-40		03	77	
S-41		03	77	
S-42		03	77	
S-43		03	77	
S-44		03	77	
S-31		04	77	
S-32		04	77	
S-33		04	77	
S-34		04	77	
S-35		04	77	
S-36		04	77	
S-37		04	77	
S-38		04	77	
S-39		04	77	
S-40		04	77	
S-41		04	77	
S-42		04	77	

PLUTONIUM IN PERIMETER AMBIENT AIR - 1977

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-43	01-APR-77	30-APR-77	2	33000		0.000025
S-44	01-APR-77	30-APR-77	2	35000		0.000027
S-31	01-MAY-77	31-MAY-77	2	32000		0.000059
S-32	01-MAY-77	31-MAY-77	2	36000		0.000050
S-33	01-MAY-77	31-MAY-77	2	37000		0.000059
S-34	01-MAY-77	31-MAY-77	2	34000		0.000060
S-35	01-MAY-77	31-MAY-77	2	38000		0.000055
S-36	01-MAY-77	31-MAY-77	2	34000		0.000061
S-37	01-MAY-77	31-MAY-77	2	39000		0.000049
S-38	01-MAY-77	31-MAY-77	2	37000		0.000056
S-39	01-MAY-77	31-MAY-77	2	31000		0.000069
S-40	01-MAY-77	31-MAY-77	2	33000		0.000060
S-41	01-MAY-77	31-MAY-77	2	33000		0.000069
S-42	01-MAY-77	31-MAY-77	2	33000		0.000211
S-43	01-MAY-77	31-MAY-77	2	33000		0.000067
S-44	01-MAY-77	31-MAY-77	2	34000		0.000063
S-31	01-JUN-77	30-JUN-77	2	32000		0.000206
S-32	01-JUN-77	30-JUN-77	2	41000		0.000053
S-33	01-JUN-77	30-JUN-77	1	19000		0.000048
S-34	01-JUN-77	30-JUN-77	1	17000		0.000043
S-35	01-JUN-77	30-JUN-77	1	19000		0.000045
S-36	01-JUN-77	30-JUN-77	2	35000		0.000056
S-37	01-JUN-77	30-JUN-77	2	39000		0.000063
S-38	01-JUN-77	30-JUN-77	2	40000		0.000051
S-39	01-JUN-77	30-JUN-77	2	35000		0.000058
S-40	01-JUN-77	30-JUN-77	2	34000		0.000055
S-41	01-JUN-77	30-JUN-77	2	33000		0.000055
S-42	01-JUN-77	30-JUN-77	1	17000		0.000050
S-43	01-JUN-77	30-JUN-77	2	34000		0.000054
S-44	01-JUN-77	30-JUN-77	1	17000		0.000058
S-31	01-JUL-77	31-JUL-77	3	47000		0.000060
S-32	01-JUL-77	31-JUL-77	2	30000		0.000060
S-33	01-JUL-77	31-JUL-77	3	57000		0.000040
S-34	01-JUL-77	31-JUL-77	3	53000		0.000040
S-35	01-JUL-77	31-JUL-77	3	57000		0.000040
S-36	01-JUL-77	31-JUL-77	3	52000		0.000050
S-37	01-JUL-77	31-JUL-77	3	57000		0.000050
S-38	01-JUL-77	31-JUL-77	3	55000		0.000040
S-39	01-JUL-77	31-JUL-77	3	52000		0.000070
S-40	01-JUL-77	31-JUL-77	3	52000		0.000040
S-41	01-JUL-77	31-JUL-77	3	50000		0.000040
S-42	01-JUL-77	31-JUL-77	3	51000		0.000050
S-43	01-JUL-77	31-JUL-77	3	50000		0.000040
S-44	01-JUL-77	31-JUL-77	3	51000		0.000040
S-31	01-AUG-77	31-AUG-77	2	31000		0.000050
S-32	01-AUG-77	31-AUG-77	2	40000		0.000040
S-33	01-AUG-77	31-AUG-77	2	38000		0.000040
S-34	01-AUG-77	31-AUG-77	2	34000		0.000050
S-35	01-AUG-77	31-AUG-77	2	38000		0.000050
S-36	01-AUG-77	31-AUG-77	2	42000		0.000050
S-37	01-AUG-77	31-AUG-77	2	38000		0.000060
S-38	01-AUG-77	31-AUG-77	2	38000		0.000040
S-39	01-AUG-77	31-AUG-77	2	35000		0.000040
S-40	01-AUG-77	31-AUG-77	2	34000		0.000040

PLUTONIUM IN PERIMETER AMBIENT AIR - 1977

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-43		04	77	
S-44		04	77	
S-31		05	77	
S-32		05	77	
S-33		05	77	
S-34		05	77	
S-35		05	77	
S-36		05	77	
S-37		05	77	
S-38		05	77	
S-39		05	77	
S-40		05	77	
S-41		05	77	
S-42		05	77	
S-43		05	77	
S-44		05	77	
S-31		06	77	
S-32		06	77	
S-33		06	77	
S-34		06	77	
S-35		06	77	
S-36		06	77	
S-37		06	77	
S-38		06	77	
S-39		06	77	
S-40		06	77	
S-41		06	77	
S-42		06	77	
S-43		06	77	
S-44		06	77	
S-31		07	77	
S-32		07	77	
S-33		07	77	
S-34		07	77	
S-35		07	77	
S-36		07	77	
S-37		07	77	
S-38		07	77	
S-39		07	77	
S-40		07	77	
S-41		07	77	
S-42		07	77	
S-43		07	77	
S-44		07	77	
S-31		08	77	
S-32		08	77	
S-33		08	77	
S-34		08	77	
S-35		08	77	
S-36		08	77	
S-37		08	77	
S-38		08	77	
S-39		08	77	
S-40		08	77	

PLUTONIUM IN PERIMETER AMBIENT AIR - 1977

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-41	01-AUG-77	31-AUG-77	2	33000		0.000050
S-42	01-AUG-77	31-AUG-77	1	17000		0.000050
S-43	01-AUG-77	31-AUG-77	1	17000		0.000030
S-44	01-AUG-77	31-AUG-77	1	17000		0.000010
S-31	01-SEP-77	30-SEP-77	2	34000		0.000060
S-32	01-SEP-77	30-SEP-77	2	39000		0.000050
S-33	01-SEP-77	30-SEP-77	2	37000		0.000040
S-34	01-SEP-77	30-SEP-77	2	35000		0.000040
S-35	01-SEP-77	30-SEP-77	2	38000		0.000030
S-36	01-SEP-77	30-SEP-77	2	34000		0.000070
S-37	01-SEP-77	30-SEP-77	2	38000		0.000040
S-38	01-SEP-77	30-SEP-77	2	38000		0.000030
S-39	01-SEP-77	30-SEP-77	2	33000		0.000040
S-40	01-SEP-77	30-SEP-77	2	34000		0.000040
S-41	01-SEP-77	30-SEP-77	2	32000		0.000040
S-42	01-SEP-77	30-SEP-77	2	33000		0.000050
S-43	01-SEP-77	30-SEP-77	3	49000		0.000060
S-44	01-SEP-77	30-SEP-77	3	51000		0.000050
S-31	01-OCT-77	31-OCT-77	2	30000		0.000090
S-32	01-OCT-77	31-OCT-77	2	42000		0.000060
S-33	01-OCT-77	31-OCT-77	2	39000		0.000070
S-34	01-OCT-77	31-OCT-77	2	36000		0.000090
S-35	01-OCT-77	31-OCT-77	2	39000		0.000070
S-36	01-OCT-77	31-OCT-77	2	27000		0.000050
S-37	01-OCT-77	31-OCT-77	2	39000		0.000090
S-38	01-OCT-77	31-OCT-77	2	39000		0.000060
S-39	01-OCT-77	31-OCT-77	2	34000		0.000070
S-40	01-OCT-77	31-OCT-77	2	37000		0.000070
S-41	01-OCT-77	31-OCT-77	2	43000		0.000060
S-42	01-OCT-77	31-OCT-77	2	34000		0.000090
S-43	01-OCT-77	31-OCT-77	2	26000		0.000050
S-44	01-OCT-77	31-OCT-77	2	26000		0.000050
S-31	01-NOV-77	30-NOV-77	2	33000		0.000030
S-32	01-NOV-77	30-NOV-77	2	41000		0.000030
S-33	01-NOV-77	30-NOV-77	2	38000		0.000040
S-34	01-NOV-77	30-NOV-77	2	37000		0.000030
S-35	01-NOV-77	30-NOV-77	2	40000		0.000030
S-36	01-NOV-77	30-NOV-77	2	35000		0.000030
S-37	01-NOV-77	30-NOV-77	2	40000		0.000040
S-38	01-NOV-77	30-NOV-77	2	36000		0.000030
S-39	01-NOV-77	30-NOV-77	2	33000		0.000030
S-40	01-NOV-77	30-NOV-77	2	35000		0.000030
S-41	01-NOV-77	30-NOV-77	2	32000		0.000040
S-42	01-NOV-77	30-NOV-77	2	33000		0.000040
S-43	01-NOV-77	30-NOV-77	2	33000		0.000030
S-44	01-NOV-77	30-NOV-77	2	34000		0.000020
S-31	01-DEC-77	31-DEC-77	2	41000		0.000040
S-32	01-DEC-77	31-DEC-77	2	41000		0.000030
S-33	01-DEC-77	31-DEC-77	2	38000		0.000040
S-34	01-DEC-77	31-DEC-77	2	46000		0.000040
S-35	01-DEC-77	31-DEC-77	2	49000		0.000030
S-36	01-DEC-77	31-DEC-77	2	25000		0.000040
S-37	01-DEC-77	31-DEC-77	2	48000		0.000060
S-38	01-DEC-77	31-DEC-77	2	51000		0.000030

PLUTONIUM IN PERIMETER AMBIENT AIR - 1977

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41		08		77
S-42		08		77
S-43		08		77
S-44		08		77
S-31		09		77
S-32		09		77
S-33		09		77
S-34		09		77
S-35		09		77
S-36		09		77
S-37		09		77
S-38		09		77
S-39		09		77
S-40		09		77
S-41		09		77
S-42		09		77
S-43		09		77
S-44		09		77
S-31		10		77
S-32		10		77
S-33		10		77
S-34		10		77
S-35		10		77
S-36		10		77
S-37		10		77
S-38		10		77
S-39		10		77
S-40		10		77
S-41		10		77
S-42		10		77
S-43		10		77
S-44		10		77
S-31		11		77
S-32		11		77
S-33		11		77
S-34		11		77
S-35		11		77
S-36		11		77
S-37		11		77
S-38		11		77
S-39		11		77
S-40		11		77
S-41		11		77
S-42		11		77
S-43		11		77
S-44		11		77
S-31		12		77
S-32		12		77
S-33		12		77
S-34		12		77
S-35		12		77
S-36		12		77
S-37		12		77
S-38		12		77

PLUTONIUM IN PERIMETER AMBIENT AIR - 1977

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-39	01-DEC-77	31-DEC-77	2	34000		0.000030
S-40	01-DEC-77	31-DEC-77	2	43000		0.000040
S-41	01-DEC-77	31-DEC-77	2	41000		0.000030
S-42	01-DEC-77	31-DEC-77	2	42000		0.000030
S-43	01-DEC-77	31-DEC-77	2	37000		0.000040
S-44	01-DEC-77	31-DEC-77	2	45000		0.000030

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39			12	77
S-40			12	77
S-41			12	77
S-42			12	77
S-43			12	77
S-44			12	77

PLUTONIUM IN PERIMETER AMBIENT AIR - 1978

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-31	01-JAN-78	31-JAN-78	2	33000		0.00007
S-32	01-JAN-78	31-JAN-78	2	40000		0.00003
S-33	01-JAN-78	31-JAN-78	2	38000		0.00003
S-34	01-JAN-78	31-JAN-78	2	35000		0.00004
S-35	01-JAN-78	31-JAN-78	2	39000		0.00003
S-36	01-JAN-78	31-JAN-78	2	53000		0.00004
S-37	01-JAN-78	31-JAN-78	2	44000		0.00004
S-38	01-JAN-78	31-JAN-78	2	39000		0.00003
S-39	01-JAN-78	31-JAN-78	2	33000		0.00004
S-40	01-JAN-78	31-JAN-78	2	34000		0.00004
S-41	01-JAN-78	31-JAN-78	2	34000		0.00004
S-42	01-JAN-78	31-JAN-78	2	34000		0.00005
S-43	01-JAN-78	31-JAN-78	2	26000		0.00004
S-44	01-JAN-78	31-JAN-78	2	36000		0.00004
S-31	01-FEB-78	28-FEB-78	3	40000		0.00007
S-32	01-FEB-78	28-FEB-78	3	50000		0.00004
S-33	01-FEB-78	28-FEB-78	3	49000		0.00004
S-34	01-FEB-78	28-FEB-78	3	45000		0.00005
S-35	01-FEB-78	28-FEB-78	3	48000		0.00005
S-36	01-FEB-78	28-FEB-78	3	43000		0.00006
S-37	01-FEB-78	28-FEB-78	3	49000		0.00005
S-38	01-FEB-78	28-FEB-78	3	44000		0.00004
S-39	01-FEB-78	28-FEB-78	3	44000		0.00006
S-40	01-FEB-78	28-FEB-78	3	43000		0.00006
S-41	01-FEB-78	28-FEB-78	3	41000		0.00006
S-42	01-FEB-78	28-FEB-78	3	41000		0.00004
S-43	01-FEB-78	28-FEB-78	3	42000		0.00005
S-44	01-FEB-78	28-FEB-78	3	45000		0.00005
S-31	01-MAR-78	31-MAR-78	2	25000		0.00008
S-32	01-MAR-78	31-MAR-78	2	50000		0.00016
S-33	01-MAR-78	31-MAR-78	2	48000		0.00017
S-34	01-MAR-78	31-MAR-78	2	45000		0.00019
S-35	01-MAR-78	31-MAR-78	2	48000		0.00018
S-36	01-MAR-78	31-MAR-78	2	44000		0.00023
S-37	01-MAR-78	31-MAR-78	2	50000		0.00015
S-38	01-MAR-78	31-MAR-78	2	46000		0.00015
S-39	01-MAR-78	31-MAR-78	2	45000		0.00019
S-40	01-MAR-78	31-MAR-78	2	44000		0.00028
S-41	01-MAR-78	31-MAR-78	2	43000		0.00026
S-42	01-MAR-78	31-MAR-78	2	43000		0.00017
S-43	01-MAR-78	31-MAR-78	2	42000		0.00023
S-44	01-MAR-78	31-MAR-78	2	43000		0.00021
S-31	01-APR-78	30-APR-78	1	25000		0.00019
S-32	01-APR-78	30-APR-78	1	40000		0.00011
S-33	01-APR-78	30-APR-78	1	39000		0.00016
S-34	01-APR-78	30-APR-78	1	35000		0.00024
S-35	01-APR-78	30-APR-78	1	38000		0.00014
S-36	01-APR-78	30-APR-78	1	34000		0.00017
S-37	01-APR-78	30-APR-78	1	39000		0.00021
S-38	01-APR-78	30-APR-78	1	38000		0.00008
S-39	01-APR-78	30-APR-78	1	34000		0.00017
S-40	01-APR-78	30-APR-78	1	34000		0.00014
S-41	01-APR-78	30-APR-78	1	32000		0.00022
S-42	01-APR-78	30-APR-78	1	33000		0.00015

PLUTONIUM IN PERIMETER AMBIENT AIR - 1978

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31			01	78
S-32			01	78
S-33			01	78
S-34			01	78
S-35			01	78
S-36			01	78
S-37			01	78
S-38			01	78
S-39			01	78
S-40			01	78
S-41			01	78
S-42			01	78
S-43			01	78
S-44			01	78
S-31			02	78
S-32			02	78
S-33			02	78
S-34			02	78
S-35			02	78
S-36			02	78
S-37			02	78
S-38			02	78
S-39			02	78
S-40			02	78
S-41			02	78
S-42			02	78
S-43			02	78
S-44			02	78
S-31			03	78
S-32			03	78
S-33			03	78
S-34			03	78
S-35			03	78
S-36			03	78
S-37			03	78
S-38			03	78
S-39			03	78
S-40			03	78
S-41			03	78
S-42			03	78
S-43			03	78
S-44			03	78
S-31			04	78
S-32			04	78
S-33			04	78
S-34			04	78
S-35			04	78
S-36			04	78
S-37			04	78
S-38			04	78
S-39			04	78
S-40			04	78
S-41			04	78
S-42			04	78

PLUTONIUM IN PERIMETER AMBIENT AIR - 1978

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-43	01-APR-78	30-APR-78	1	33000		0.00009
S-44	01-APR-78	30-APR-78	1	35000		0.00011
S-31	01-MAY-78	31-MAY-78	1	33000		0.00006
S-32	01-MAY-78	31-MAY-78	1	40000		0.00009
S-33	01-MAY-78	31-MAY-78	1	38000		0.00007
S-34	01-MAY-78	31-MAY-78	1	36000		0.00008
S-35	01-MAY-78	31-MAY-78	1	39000		0.00007
S-36	01-MAY-78	31-MAY-78	1	35000		0.00008
S-37	01-MAY-78	31-MAY-78	1	39000		0.00008
S-38	01-MAY-78	31-MAY-78	1	39000		0.00006
S-39	01-MAY-78	31-MAY-78	1	35000		0.00006
S-40	01-MAY-78	31-MAY-78	1	34000		0.00008
S-41	01-MAY-78	31-MAY-78	1	33000		0.00009
S-42	01-MAY-78	31-MAY-78	1	31000		0.00012
S-43	01-MAY-78	31-MAY-78	1	33000		0.00011
S-44	01-MAY-78	31-MAY-78	1	35000		0.00008
S-31	01-JUN-78	30-JUN-78	1	31000		0.00006
S-32	01-JUN-78	30-JUN-78	1	40000		0.00009
S-33	01-JUN-78	30-JUN-78	1	21000		0.00016
S-34	01-JUN-78	30-JUN-78	1	34000		0.00007
S-35	01-JUN-78	30-JUN-78	1	37000		0.00005
S-36	01-JUN-78	30-JUN-78	1	33000		0.00006
S-37	01-JUN-78	30-JUN-78	1	39000		0.00004
S-38	01-JUN-78	30-JUN-78	1	38000		0.00007
S-39	01-JUN-78	30-JUN-78	1	35000		0.00004
S-40	01-JUN-78	30-JUN-78	1	31000		0.00007
S-41	01-JUN-78	30-JUN-78	1	32000		0.00008
S-42	01-JUN-78	30-JUN-78	1	20000		0.00006
S-43	01-JUN-78	30-JUN-78	1	32000		0.00007
S-44	01-JUN-78	30-JUN-78	1	34000		0.00005
S-31	01-JUL-78	31-JUL-78	1	31000		0.00005
S-32	01-JUL-78	31-JUL-78	1	35000		0.00004
S-33	01-JUL-78	31-JUL-78	1	35000		0.00007
S-34	01-JUL-78	31-JUL-78	1	30000		0.00006
S-35	01-JUL-78	31-JUL-78	1	33000		0.00005
S-36	01-JUL-78	31-JUL-78	1	29000		0.00003
S-37	01-JUL-78	31-JUL-78	1	38000		0.00005
S-38	01-JUL-78	31-JUL-78	1	38000		0.00004
S-39	01-JUL-78	31-JUL-78	1	35000		0.00005
S-40	01-JUL-78	31-JUL-78	1	32000		0.00006
S-41	01-JUL-78	31-JUL-78	1	32000		0.00007
S-42	01-JUL-78	31-JUL-78	1	32000		0.00009
S-43	01-JUL-78	31-JUL-78	1	33000		0.00005
S-44	01-JUL-78	31-JUL-78	1	29000		0.00009
S-31	21-JUL-78	18-AUG-78	1	31000		0.00004
S-32	21-JUL-78	18-AUG-78	1	39000		0.00003
S-33	21-JUL-78	18-AUG-78	1	35000		0.00003
S-34	21-JUL-78	18-AUG-78	1	35000		0.00003
S-35	21-JUL-78	18-AUG-78	1	37000		0.00003
S-36	21-JUL-78	18-AUG-78	1	33000		0.00004
S-37	21-JUL-78	18-AUG-78	1	37000		0.00004
S-38	21-JUL-78	18-AUG-78	1	36000		0.00004
S-39	21-JUL-78	18-AUG-78	1	33000		0.00010
S-40	21-JUL-78	18-AUG-78	1	31000		0.00003

PLUTONIUM IN PERIMETER AMBIENT AIR - 1978

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-43		04	78	
S-44		04	78	
S-31		05	78	
S-32		05	78	
S-33		05	78	
S-34		05	78	
S-35		05	78	
S-36		05	78	
S-37		05	78	
S-38		05	78	
S-39		05	78	
S-40		05	78	
S-41		05	78	
S-42		05	78	
S-43		05	78	
S-44		05	78	
S-31		06	78	
S-32		06	78	
S-33		06	78	
S-34		06	78	
S-35		06	78	
S-36		06	78	
S-37		06	78	
S-38		06	78	
S-39		06	78	
S-40		06	78	
S-41		06	78	
S-42		06	78	
S-43		06	78	
S-44		06	78	
S-31		07	78	
S-32		07	78	
S-33		07	78	
S-34		07	78	
S-35		07	78	
S-36		07	78	
S-37		07	78	
S-38		07	78	
S-39		07	78	
S-40		07	78	
S-41		07	78	
S-42		07	78	
S-43		07	78	
S-44		07	78	
S-31		08	78	
S-32		08	78	
S-33		08	78	
S-34		08	78	
S-35		08	78	
S-36		08	78	
S-37		08	78	
S-38		08	78	
S-39		08	78	
S-40		08	78	

PLUTONIUM IN PERIMETER AMBIENT AIR - 1978

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-41	21-JUL-78	18-AUG-78	1	33000		0.00003
S-42	21-JUL-78	18-AUG-78	1	32000		0.00005
S-43	21-JUL-78	18-AUG-78	1	32000		0.00004
S-44	21-JUL-78	18-AUG-78	1	33000		0.00004
S-31	18-AUG-78	15-SEP-78	1	31000		0.00003
S-32	18-AUG-78	15-SEP-78	1	43000		0.00002
S-33	18-AUG-78	15-SEP-78	1	34000		0.00009
S-34	18-AUG-78	15-SEP-78	1	35000		0.00003
S-35	18-AUG-78	15-SEP-78	1	36000		0.00002
S-36	18-AUG-78	15-SEP-78	1	33000		0.00002
S-37	18-AUG-78	15-SEP-78	1	36000		0.00004
S-38	18-AUG-78	15-SEP-78	1	33000		0.00002
S-39	18-AUG-78	15-SEP-78	1	34000		0.00002
S-40	18-AUG-78	15-SEP-78	1	32000		0.00002
S-41	18-AUG-78	15-SEP-78	1	32000		0.00002
S-42	18-AUG-78	15-SEP-78	1	32000		0.00003
S-43	18-AUG-78	15-SEP-78	1	32000		0.00003
S-44	18-AUG-78	15-SEP-78	1	33000		0.00003
S-31	15-SEP-78	13-OCT-78	1	32000		0.00002
S-32	15-SEP-78	13-OCT-78	1	40000		0.00002
S-33	15-SEP-78	13-OCT-78	1	35000		0.00002
S-34	15-SEP-78	13-OCT-78	1	36000		0.00003
S-35	15-SEP-78	13-OCT-78	1	38000		0.00002
S-36	15-SEP-78	13-OCT-78	1	34000		0.00002
S-37	15-SEP-78	13-OCT-78	1	38000		0.00002
S-38	15-SEP-78	13-OCT-78	1	39000		0.00002
S-39	15-SEP-78	13-OCT-78	1	35000		0.00002
S-40	15-SEP-78	13-OCT-78	1	35000		0.00002
S-41	15-SEP-78	13-OCT-78	1	33000		0.00002
S-42	15-SEP-78	13-OCT-78	1	33000		0.00002
S-43	15-SEP-78	13-OCT-78	1	33000		0.00002
S-44	15-SEP-78	13-OCT-78	1	34000		0.00002
S-31	12-OCT-78	10-NOV-78	1	32000	0	0.00005
S-32	12-OCT-78	10-NOV-78	1	43000	0	0.00002
S-33	12-OCT-78	10-NOV-78	1	35000	0	0.00002
S-34	12-OCT-78	10-NOV-78	1	36000		0.00002
S-35	12-OCT-78	10-NOV-78	1	39000	0	0.00002
S-36	12-OCT-78	10-NOV-78	1	35000	0	0.00002
S-37	12-OCT-78	10-NOV-78	1	40000	0	0.00002
S-38	12-OCT-78	10-NOV-78	1	39000		0.00002
S-39	12-OCT-78	10-NOV-78	1	35000	0	0.00002
S-40	12-OCT-78	10-NOV-78	1	35000		0.00002
S-41	12-OCT-78	10-NOV-78	1	33000		0.00002
S-42	12-OCT-78	10-NOV-78	1	33000		0.00002
S-43	12-OCT-78	10-NOV-78	1	34000		0.00002
S-44	12-OCT-78	10-NOV-78	1	35000	0	0.00002
S-31	10-NOV-78	05-JAN-79	2	69000		0.00002
S-32	10-NOV-78	05-JAN-79	1	42000	0	0.00002
S-33	10-NOV-78	05-JAN-79	2	69000	0	0.00002
S-34	10-NOV-78	05-JAN-79	2	77000	0	0.00002
S-35	10-NOV-78	05-JAN-79	2	81000		0.00002
S-36	10-NOV-78	05-JAN-79	2	76000		0.00002
S-37	10-NOV-78	05-JAN-79	2	81000		0.00003
S-38	10-NOV-78	05-JAN-79	2	77000		0.00004

PLUTONIUM IN PERIMETER AMBIENT AIR - 1978

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41			08	78
S-42			08	78
S-43			08	78
S-44			08	78
S-31			09	78
S-32			09	78
S-33			09	78
S-34			09	78
S-35			09	78
S-36			09	78
S-37			09	78
S-38			09	78
S-39			09	78
S-40			09	78
S-41			09	78
S-42			09	78
S-43			09	78
S-44			09	78
S-31			10	78
S-32			10	78
S-33			10	78
S-34			10	78
S-35			10	78
S-36			10	78
S-37			10	78
S-38			10	78
S-39			10	78
S-40			10	78
S-41			10	78
S-42			10	78
S-43			10	78
S-44			10	78
S-31			11	78
S-32	0.00002	<	11	78
S-33	0.00002	<	11	78
S-34			11	78
S-35	0.00002	<	11	78
S-36	0.00002	<	11	78
S-37	0.00002	<	11	78
S-38			11	78
S-39	0.00002	<	11	78
S-40			11	78
S-41			11	78
S-42			11	78
S-43			11	78
S-44	0.00002	<	11	78
S-31			12	78
S-32	0.00002	<	12	78
S-33	0.00002	<	12	78
S-34	0.00002	<	12	78
S-35			12	78
S-36			12	78
S-37			12	78
S-38			12	78

PLUTONIUM IN PERIMETER AMBIENT AIR - 1978

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-39	10-NOV-78	05-JAN-79	1	35000	0	0.00002
S-40	10-NOV-78	05-JAN-79	2	76000		0.00002
S-41	10-NOV-78	05-JAN-79	2	70000	0	0.00002
S-42	10-NOV-78	05-JAN-79	2	70000		0.00002
S-43	10-NOV-78	05-JAN-79	2	70000		0.00002
S-44	10-NOV-78	05-JAN-79	2	73000	0	0.00002

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.00002	<	12	78
S-40			12	78
S-41	0.00002	<	12	78
S-42			12	78
S-43			12	78
S-44	0.00002	<	12	78

PLUTONIUM IN PERIMETER AMBIENT AIR - 1979

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-31	05-JAN-79	02-FEB-79	1	31000		0.00002
S-32	05-JAN-79	02-FEB-79	1	39000	0	0.00002
S-33	05-JAN-79	02-FEB-79	1	37000		0.00002
S-34	05-JAN-79	02-FEB-79	1	38000	0	0.00002
S-35	05-JAN-79	02-FEB-79	1	40000	0	0.00002
S-36	05-JAN-79	02-FEB-79	1	35000		0.00002
S-37	05-JAN-79	02-FEB-79	1	41000		0.00002
S-38	05-JAN-79	02-FEB-79	1	40000	0	0.00002
S-39	05-JAN-79	02-FEB-79	1	34000	0	0.00002
S-40	05-JAN-79	02-FEB-79	1	36000	0	0.00002
S-41	05-JAN-79	02-FEB-79	1	35000		0.00002
S-42	05-JAN-79	02-FEB-79	1	34000	0	0.00002
S-43	05-JAN-79	02-FEB-79	1	34000		0.00002
S-44	05-JAN-79	02-FEB-79	1	36000	0	0.00002
S-31	02-FEB-79	02-MAR-79	1	34000		0.00002
S-32	02-FEB-79	02-MAR-79	1	43000	0	0.00002
S-33	02-FEB-79	02-MAR-79	1	37000	0	0.00002
S-34	02-FEB-79	02-MAR-79	1	39000	0	0.00002
S-35	02-FEB-79	02-MAR-79	1	33000		0.00003
S-36	02-FEB-79	02-MAR-79	1	37000	0	0.00002
S-37	02-FEB-79	02-MAR-79	1	41000		0.00002
S-38	02-FEB-79	02-MAR-79	1	41000		0.00003
S-39	02-FEB-79	02-MAR-79	1	37000	0	0.00002
S-40	02-FEB-79	02-MAR-79	1	39000		0.00002
S-41	02-FEB-79	02-MAR-79	1	27000		0.00003
S-42	02-FEB-79	02-MAR-79	1	35000		0.00002
S-43	02-FEB-79	02-MAR-79	1	36000		0.00002
S-44	02-FEB-79	02-MAR-79	1	37000	0	0.00002
S-31	02-MAR-79	30-MAR-79	1	33000		0.00002
S-32	02-MAR-79	30-MAR-79	1	42000		0.00002
S-33	02-MAR-79	30-MAR-79	1	37000		0.00002
S-34	02-MAR-79	30-MAR-79	1	38000		0.00003
S-35	02-MAR-79	30-MAR-79	1	40000	0	0.00002
S-36	02-MAR-79	30-MAR-79	1	36000		0.00002
S-37	02-MAR-79	30-MAR-79	1	32000	0	0.00002
S-38	02-MAR-79	30-MAR-79	1	41000	0	0.00002
S-39	02-MAR-79	30-MAR-79	1	36000		0.00002
S-40	02-MAR-79	30-MAR-79	1	36000		0.00002
S-41	02-MAR-79	30-MAR-79	1	35000		0.00002
S-42	02-MAR-79	30-MAR-79	1	34000		0.00007
S-43	02-MAR-79	30-MAR-79	1	35000		0.00002
S-44	02-MAR-79	30-MAR-79	1	36000		0.00002
S-31	30-MAR-79	27-APR-79	1	32000		0.00003
S-32	30-MAR-79	27-APR-79	1	33000		0.00004
S-33	30-MAR-79	27-APR-79	1	36000		0.00003
S-34	30-MAR-79	27-APR-79	1	37000		0.00004
S-35	30-MAR-79	27-APR-79	0			
S-36	30-MAR-79	27-APR-79	1	35000		0.00002
S-37	30-MAR-79	27-APR-79	1	38000		0.00002
S-38	30-MAR-79	27-APR-79	1	40000		0.00002
S-39	30-MAR-79	27-APR-79	1	36000		0.00003
S-40	30-MAR-79	27-APR-79	1	37000		0.00002
S-41	30-MAR-79	27-APR-79	1	34000		0.00003
S-42	30-MAR-79	27-APR-79	1	34000		0.00003

PLUTONIUM IN PERIMETER AMBIENT AIR - 1979

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-31			01	79
S-32	0.00002	<	01	79
S-33			01	79
S-34	0.00002	<	01	79
S-35	0.00002	<	01	79
S-36			01	79
S-37			01	79
S-38	0.00002	<	01	79
S-39	0.00002	<	01	79
S-40	0.00002	<	01	79
S-41			01	79
S-42	0.00002	<	01	79
S-43			01	79
S-44	0.00002	<	01	79
S-31			02	79
S-32	0.00002	<	02	79
S-33	0.00002	<	02	79
S-34	0.00002	<	02	79
S-35			02	79
S-36	0.00002	<	02	79
S-37			02	79
S-38			02	79
S-39	0.00002	<	02	79
S-40			02	79
S-41			02	79
S-42			02	79
S-43			02	79
S-44	0.00002	<	02	79
S-31			03	79
S-32			03	79
S-33			03	79
S-34			03	79
S-35	0.00002	<	03	79
S-36			03	79
S-37	0.00002	<	03	79
S-38	0.00002	<	03	79
S-39			03	79
S-40			03	79
S-41			03	79
S-42			03	79
S-43			03	79
S-44			03	79
S-31			04	79
S-32			04	79
S-33			04	79
S-34			04	79
S-35			04	79
S-36			04	79
S-37			04	79
S-38			04	79
S-39			04	79
S-40			04	79
S-41			04	79
S-42			04	79

PLUTONIUM IN PERIMETER AMBIENT AIR - 1979

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-43	30-MAR-79	27-APR-79	1	34000		0.00003
S-44	30-MAR-79	27-APR-79	1	35000		0.00003
S-31	27-APR-79	25-MAY-79	1	33000		0.00003
S-32	27-APR-79	25-MAY-79	1	41000		0.00002
S-33	27-APR-79	25-MAY-79	1	36000	0	0.00002
S-34	27-APR-79	25-MAY-79	1	36000		0.00002
S-35	27-APR-79	25-MAY-79	1	38000		0.00002
S-36	27-APR-79	25-MAY-79	1	35000		0.00002
S-37	27-APR-79	25-MAY-79	1	39000		0.00003
S-38	27-APR-79	25-MAY-79	1	40000		0.00002
S-39	27-APR-79	25-MAY-79	1	35000		0.00002
S-40	27-APR-79	25-MAY-79	1	36000		0.00002
S-41	27-APR-79	25-MAY-79	1	33000		0.00002
S-42	27-APR-79	25-MAY-79	1	32000		0.00003
S-43	27-APR-79	25-MAY-79	1	33000	0	0.00002
S-44	27-APR-79	25-MAY-79	1	34000		0.00005
S-31	25-MAY-79	22-JUN-79	1	31000		0.00002
S-32	25-MAY-79	22-JUN-79	1	39000		0.00002
S-33	25-MAY-79	22-JUN-79	1	35000		0.00002
S-34	25-MAY-79	22-JUN-79	1	37000		0.00002
S-35	25-MAY-79	22-JUN-79	1	39000		0.00002
S-36	25-MAY-79	22-JUN-79	1	34000		0.00002
S-37	25-MAY-79	22-JUN-79	1	39000		0.00003
S-38	25-MAY-79	22-JUN-79	1	40000		0.00027
S-39	25-MAY-79	22-JUN-79	1	35000		0.00002
S-40	25-MAY-79	22-JUN-79	1	36000		0.00002
S-41	25-MAY-79	22-JUN-79	1	33000		0.00003
S-42	25-MAY-79	22-JUN-79	1	33000		0.00002
S-43	25-MAY-79	22-JUN-79	1	33000	0	0.00002
S-44	25-MAY-79	22-JUN-79	1	34000		0.00003
S-31	22-JUN-79	19-JUL-79	1	32000	0	0.00002
S-32	22-JUN-79	19-JUL-79	1	39000	0	0.00002
S-33	22-JUN-79	19-JUL-79	1	36000	0	0.00002
S-34	22-JUN-79	19-JUL-79	1	36000	0	0.00002
S-35	22-JUN-79	19-JUL-79	1	37000	0	0.00002
S-36	22-JUN-79	19-JUL-79	1	34000		0.00002
S-37	22-JUN-79	19-JUL-79	1	38000		0.00003
S-38	22-JUN-79	19-JUL-79	1	39000	0	0.00002
S-39	22-JUN-79	19-JUL-79	1	35000		0.00002
S-40	22-JUN-79	19-JUL-79	1	35000		0.00002
S-41	22-JUN-79	19-JUL-79	1	35000	0	0.00002
S-42	22-JUN-79	19-JUL-79	1	33000	0	0.00002
S-43	22-JUN-79	19-JUL-79	1	34000	0	0.00002
S-44	22-JUN-79	19-JUL-79	1	33000	0	0.00002
S-31	19-JUL-79	17-AUG-79	1	30000	0	0.00002
S-32	19-JUL-79	17-AUG-79	1	39000	0	0.00002
S-33	19-JUL-79	17-AUG-79	1	36000	0	0.00002
S-34	19-JUL-79	17-AUG-79	1	36000	0	0.00002
S-35	19-JUL-79	17-AUG-79	1	38000	0	0.00002
S-36	19-JUL-79	17-AUG-79	1	33000	0	0.00002
S-37	19-JUL-79	17-AUG-79	1	38000	0	0.00002
S-38	19-JUL-79	17-AUG-79	1	32000	0	0.00002
S-39	19-JUL-79	17-AUG-79	1	34000	0	0.00002
S-40	19-JUL-79	17-AUG-79	1	35000	0	0.00002

PLUTONIUM IN PERIMETER AMBIENT AIR - 1979

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-43			04	79
S-44			04	79
S-31			05	79
S-32			05	79
S-33	0.00002	<	05	79
S-34			05	79
S-35			05	79
S-36			05	79
S-37			05	79
S-38			05	79
S-39			05	79
S-40			05	79
S-41			05	79
S-42			05	79
S-43	0.00002	<	05	79
S-44			05	79
S-31			06	79
S-32			06	79
S-33			06	79
S-34			06	79
S-35			06	79
S-36			06	79
S-37			06	79
S-38			06	79
S-39			06	79
S-40			06	79
S-41			06	79
S-42			06	79
S-43	0.00002	<	06	79
S-44			06	79
S-31	0.00002	<	07	79
S-32	0.00002	<	07	79
S-33	0.00002	<	07	79
S-34	0.00002	<	07	79
S-35	0.00002	<	07	79
S-36			07	79
S-37			07	79
S-38	0.00002	<	07	79
S-39			07	79
S-40			07	79
S-41	0.00002	<	07	79
S-42	0.00002	<	07	79
S-43	0.00002	<	07	79
S-44	0.00002	<	07	79
S-31	0.00002	<	08	79
S-32	0.00002	<	08	79
S-33	0.00002	<	08	79
S-34	0.00002	<	08	79
S-35	0.00002	<	08	79
S-36	0.00002	<	08	79
S-37			08	79
S-38	0.00002	<	08	79
S-39	0.00002	<	08	79
S-40	0.00002	<	08	79

PLUTONIUM IN PERIMETER AMBIENT AIR - 1979

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-41	19-JUL-79	17-AUG-79	1	32000	0	0.00002
S-42	19-JUL-79	17-AUG-79	1	32000	0	.00002
S-43	19-JUL-79	17-AUG-79	1	32000	0	0.00002
S-44	19-JUL-79	17-AUG-79	1	26000	0	0.00002
S-31	17-AUG-79	14-SEP-79	1	31000	0	0.00002
S-32	17-AUG-79	14-SEP-79	1	40000	0	0.00002
S-33	17-AUG-79	14-SEP-79	1	36000	0	0.00002
S-34	17-AUG-79	14-SEP-79	1	36000	0	0.00002
S-35	17-AUG-79	14-SEP-79	1	39000	0	0.00002
S-36	17-AUG-79	14-SEP-79	1	34000	0	0.00002
S-37	17-AUG-79	14-SEP-79	1	38000	0	0.00002
S-38	17-AUG-79	14-SEP-79	1	34000	0	0.00002
S-39	17-AUG-79	14-SEP-79	1	34000	0	0.00002
S-40	17-AUG-79	14-SEP-79	1	36000	0	0.00002
S-41	17-AUG-79	14-SEP-79	1	34000	0	0.00002
S-42	17-AUG-79	14-SEP-79	1	33000	0	0.00002
S-43	17-AUG-79	14-SEP-79	1	33000	0	0.00002
S-44	17-AUG-79	14-SEP-79	1	33000	0	0.00002
S-31	14-SEP-79	15-OCT-79	1	31000	0	0.00002
S-32	14-SEP-79	15-OCT-79	1	44000	0	0.00002
S-33	14-SEP-79	15-OCT-79	1	39000	0	0.00002
S-34	14-SEP-79	15-OCT-79	1	40000	0	0.00002
S-35	14-SEP-79	15-OCT-79	1	41000	0	0.00002
S-36	14-SEP-79	15-OCT-79	1	38000	0	0.00002
S-37	14-SEP-79	15-OCT-79	1	38000	0	0.00002
S-38	14-SEP-79	15-OCT-79	1	40000	0	0.00002
S-39	14-SEP-79	15-OCT-79	1	35000	0	0.00002
S-40	14-SEP-79	15-OCT-79	1	35000	0	0.00002
S-41	14-SEP-79	15-OCT-79	1	32000	0	0.00002
S-42	14-SEP-79	15-OCT-79	1	32000	0	0.00002
S-43	14-SEP-79	15-OCT-79	1	33000	0	0.00002
S-44	14-SEP-79	15-OCT-79	1	33000	0	0.00002
S-31	12-OCT-79	09-NOV-79	1	35000	0	0.00002
S-32	12-OCT-79	09-NOV-79	1	41000	0	0.00002
S-33	12-OCT-79	09-NOV-79	1	35000	0	0.00002
S-34	12-OCT-79	09-NOV-79	1	34000	0	0.00002
S-35	12-OCT-79	09-NOV-79	1	35000	0	0.00007
S-36	12-OCT-79	09-NOV-79	1	32000	0	0.00002
S-37	12-OCT-79	09-NOV-79	1	39000	0	0.00002
S-38	12-OCT-79	09-NOV-79	1	40000	0	0.00002
S-39	12-OCT-79	09-NOV-79	1	35000	0	0.00002
S-40	12-OCT-79	09-NOV-79	1	36000	0	0.00002
S-41	12-OCT-79	09-NOV-79	1	34000	0	0.00002
S-42	12-OCT-79	09-NOV-79	1	33000	0	0.00002
S-43	12-OCT-79	09-NOV-79	1	35000	0	0.00002
S-44	12-OCT-79	09-NOV-79	1	35000	0	0.00002
S-31	09-NOV-79	13-DEC-79	1	49000	0	0.00002
S-32	09-NOV-79	13-DEC-79	1	52000	0	0.00002
S-33	09-NOV-79	13-DEC-79	1	49000	0	0.00002
S-34	09-NOV-79	13-DEC-79	1	51000	0	0.00002
S-35	09-NOV-79	13-DEC-79	1	51000	0	0.00007
S-36	09-NOV-79	13-DEC-79	1	46000	0	0.00002
S-37	09-NOV-79	13-DEC-79	1	51000	0	0.00002
S-38	09-NOV-79	13-DEC-79	1	52000	0	0.00003

PLUTONIUM IN PERIMETER AMBIENT AIR - 1979

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.00002	<	08	79
S-42	0.00002	<	08	79
S-43	0.00002	<	08	79
S-44	0.00002	<	08	79
S-31	0.00002	<	09	79
S-32	0.00002	<	09	79
S-33	0.00002	<	09	79
S-34	0.00002	<	09	79
S-35	0.00002	<	09	79
S-36	0.00002	<	09	79
S-37	0.00002	<	09	79
S-38	0.00002	<	09	79
S-39	0.00002	<	09	79
S-40	0.00002	<	09	79
S-41	0.00002	<	09	79
S-42	0.00002	<	09	79
S-43	0.00002	<	09	79
S-44	0.00002	<	09	79
S-31	0.00002	<	10	79
S-32	0.00002	<	10	79
S-33	0.00002	<	10	79
S-34	0.00002	<	10	79
S-35	0.00002	<	10	79
S-36	0.00002	<	10	79
S-37	0.00002	<	10	79
S-38	0.00002	<	10	79
S-39	0.00002	<	10	79
S-40	0.00002	<	10	79
S-41	0.00002	<	10	79
S-42	0.00002	<	10	79
S-43	0.00002	<	10	79
S-44	0.00002	<	10	79
S-31	0.00002	<	11	79
S-32	0.00002	<	11	79
S-33	0.00002	<	11	79
S-34	0.00002	<	11	79
S-35			11	79
S-36	0.00002	<	11	79
S-37	0.00002	<	11	79
S-38	0.00002	<	11	79
S-39			11	79
S-40	0.00002	<	11	79
S-41	0.00002	<	11	79
S-42	0.00002	<	11	79
S-43	0.00002	<	11	79
S-44	0.00002	<	11	79
S-31	0.00002	<	12	79
S-32	0.00002	<	12	79
S-33	0.00002	<	12	79
S-34	0.00002	<	12	79
S-35			12	79
S-36	0.00002	<	12	79
S-37	0.00002	<	12	79
S-38			12	79

PLUTONIUM IN PERIMETER AMBIENT AIR - 1979

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-39	09-NOV-79	13-DEC-79	1	48000	0	0.00002
S-40	09-NOV-79	13-DEC-79	1	48000	0	0.00002
S-41	09-NOV-79	13-DEC-79	1	44000	0	0.00002
S-42	09-NOV-79	13-DEC-79	1	43000	0	0.00002
S-43	09-NOV-79	13-DEC-79	1	44000	0	0.00002
S-44	09-NOV-79	13-DEC-79	1	47000	0	0.00002

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.00002	<	12	79
S-40	0.00002	<	12	79
S-41	0.00002	<	12	79
S-42	0.00002	<	12	79
S-43	0.00002	<	12	79
S-44	0.00002	<	12	79

PLUTONIUM IN PERIMETER AMBIENT AIR - 1980

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-31	14-DEC-79	31-JAN-80	2	61000	0.000002	0.000004
S-32	14-DEC-79	31-JAN-80	2	72000	0.000000	0.000009
S-33	14-DEC-79	31-JAN-80	2	64000	0.000003	0.000004
S-34	14-DEC-79	31-JAN-80	2	67000	0.000002	0.000004
S-35	14-DEC-79	31-JAN-80	2	60000	0.000002	0.000004
S-36	14-DEC-79	31-JAN-80	2	60000	0.000003	0.000005
S-37	14-DEC-79	31-JAN-80	2	68000	0.000018	0.000021
S-38	14-DEC-79	31-JAN-80	2	69000	0.000003	0.000004
S-39	14-DEC-79	31-JAN-80	2	49000	0.000000	0.000002
S-40	14-DEC-79	31-JAN-80	2	59000	0.000003	0.000005
S-41	14-DEC-79	31-JAN-80	2	58000	0.000004	0.000006
S-42	14-DEC-79	31-JAN-80	2	58000	0.000001	0.000003
S-43	14-DEC-79	31-JAN-80	2	61000	0.000002	0.000004
S-44	14-DEC-79	31-JAN-80	2	63000	0.000000	0.000002
S-31	01-FEB-80	28-FEB-80	1	34000	0.000003	0.000006
S-32	01-FEB-80	28-FEB-80	1	41000	0.000003	0.000005
S-33	01-FEB-80	28-FEB-80	1	38000	0.000002	0.000004
S-34	01-FEB-80	28-FEB-80	1	40000	0.000002	0.000004
S-35	01-FEB-80	28-FEB-80	1	40000	0.000001	0.000003
S-36	01-FEB-80	28-FEB-80	1	36000	0.000002	0.000004
S-37	01-FEB-80	28-FEB-80	1	41000	0.000007	0.000010
S-38	01-FEB-80	28-FEB-80	1	41000	0.000002	0.000004
S-39	01-FEB-80	28-FEB-80	1	38000	0.000001	0.000003
S-40	01-FEB-80	28-FEB-80	1	37000	0.000005	0.000008
S-41	01-FEB-80	28-FEB-80	1	35000	0.000005	0.000008
S-42	01-FEB-80	28-FEB-80	1	36000	0.000006	0.000008
S-43	01-FEB-80	28-FEB-80	1	35000	0.000001	0.000003
S-44	01-FEB-80	28-FEB-80	1	36000	0.000003	0.000006
S-31	28-FEB-80	27-MAR-80	1	35000	0.000006	0.000009
S-32	28-FEB-80	27-MAR-80	1	42000	0.000004	0.000006
S-33	28-FEB-80	27-MAR-80	1	38000	0.000002	0.000005
S-34	28-FEB-80	27-MAR-80	1	39000	0.000003	0.000005
S-35	28-FEB-80	27-MAR-80	1	40000	0.000001	0.000006
S-36	28-FEB-80	27-MAR-80	1	37000	0.000003	0.000006
S-37	28-FEB-80	27-MAR-80	1	41000	0.000010	0.000013
S-38	28-FEB-80	27-MAR-80	1	41000	0.000003	0.000006
S-39	28-FEB-80	27-MAR-80	1	38000	0.000003	0.000005
S-40	28-FEB-80	27-MAR-80	1	38000	0.000003	0.000006
S-41	28-FEB-80	27-MAR-80	1	30000	0.000002	0.000006
S-42	28-FEB-80	27-MAR-80	1	34000	0.000003	0.000006
S-43	28-FEB-80	27-MAR-80	1	36000	0.000001	0.000004
S-44	28-FEB-80	27-MAR-80	1	35000	0.000001	0.000004
S-31	27-MAR-80	30-APR-80	1	45000	0.000006	0.000011
S-32	27-MAR-80	30-APR-80	1	49000	0.000015	0.000021
S-33	27-MAR-80	30-APR-80	1	49000	0.000005	0.000009
S-34	27-MAR-80	30-APR-80	1	47000	0.000006	0.000011
S-35	27-MAR-80	30-APR-80	1	48000	0.000011	0.000017
S-36	27-MAR-80	30-APR-80	1	33000	0.000017	0.000027
S-37	27-MAR-80	30-APR-80	1	49000	0.000011	0.000017
S-38	27-MAR-80	30-APR-80	1	51000	0.000007	0.000012
S-39	27-MAR-80	30-APR-80	1	45000	0.000007	0.000012
S-40	27-MAR-80	30-APR-80	1	44000	0.000008	0.000014
S-41	27-MAR-80	30-APR-80	1	46000	0.000015	0.000022
S-42	27-MAR-80	30-APR-80	1	42000	0.000009	0.000014

PLUTONIUM IN PERIMETER AMBIENT AIR - 1980

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31	0.000006	0.000002	01	80
S-32	0.000009	<	01	80
S-33	0.000005	0.000001	01	80
S-34	0.000006	0.000002	01	80
S-35	0.000006	0.000002	01	80
S-36	0.000007	0.000002	01	80
S-37	0.000024	0.000003	01	80
S-38	0.000005	0.000001	01	80
S-39	0.000002	<	01	80
S-40	0.000007	0.000002	01	80
S-41	0.000008	0.000002	01	80
S-42	0.000005	0.000002	01	80
S-43	0.000006	0.000002	01	80
S-44	0.000002	<	01	80
S-31	0.000009	0.000003	02	80
S-32	0.000007	0.000002	02	80
S-33	0.000006	0.000002	02	80
S-34	0.000006	0.000002	02	80
S-35	0.000005	0.000002	02	80
S-36	0.000006	0.000002	02	80
S-37	0.000013	0.000003	02	80
S-38	0.000006	0.000002	02	80
S-39	0.000005	0.000002	02	80
S-40	0.000011	0.000003	02	80
S-41	0.000011	0.000003	02	80
S-42	0.000010	0.000002	02	80
S-43	0.000005	0.000002	02	80
S-44	0.000009	0.000003	02	80
S-31	0.000012	0.000003	03	80
S-32	0.000008	0.000002	03	80
S-33	0.000008	0.000003	03	80
S-34	0.000007	0.000002	03	80
S-35	0.000011	0.000005	03	80
S-36	0.000009	0.000003	03	80
S-37	0.000016	0.000003	03	80
S-38	0.000009	0.000003	03	80
S-39	0.000007	0.000002	03	80
S-40	0.000009	0.000003	03	80
S-41	0.000010	0.000004	03	80
S-42	0.000009	0.000003	03	80
S-43	0.000007	0.000003	03	80
S-44	0.000007	0.000003	03	80
S-31	0.000016	0.000005	04	80
S-32	0.000027	0.000006	04	80
S-33	0.000013	0.000004	04	80
S-34	0.000016	0.000005	04	80
S-35	0.000023	0.000006	04	80
S-36	0.000037	0.000010	04	80
S-37	0.000023	0.000006	04	80
S-38	0.000017	0.000005	04	80
S-39	0.000017	0.000005	04	80
S-40	0.000020	0.000006	04	80
S-41	0.000029	0.000007	04	80
S-42	0.000019	0.000005	04	80

PLUTONIUM IN PERIMETER AMBIENT AIR - 1980

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-43	27-MAR-80	30-APR-80	1	45000	0.000007	0.000011
S-44	27-MAR-80	30-APR-80	1	43000	0.000010	0.000017
S-31	30-APR-80	28-MAY-80	1	32000	0.000016	0.000017
S-32	30-APR-80	28-MAY-80	1	37000	0.000012	0.000013
S-33	30-APR-80	28-MAY-80	1	37000	0.000020	0.000021
S-34	30-APR-80	28-MAY-80	1	37000	0.000022	0.000023
S-35	30-APR-80	28-MAY-80	1	37000	0.000014	0.000015
S-36	30-APR-80	28-MAY-80	1	33000	0.000022	0.000023
S-37	30-APR-80	28-MAY-80	1	35000	0.000023	0.000024
S-38	30-APR-80	28-MAY-80	1	36000	0.000020	0.000021
S-39	30-APR-80	28-MAY-80	1	36000	0.000018	0.000019
S-40	30-APR-80	28-MAY-80	1	34000	0.000019	0.000020
S-41	30-APR-80	28-MAY-80	1	32000	0.000023	0.000024
S-42	30-APR-80	28-MAY-80	1	34000	0.000021	0.000022
S-43	30-APR-80	28-MAY-80	1	34000	0.000018	0.000019
S-44	30-APR-80	28-MAY-80	1	33000	0.000017	0.000018
S-31	28-MAY-80	25-JUN-80	1	35000	0.000015	0.000016
S-32	28-MAY-80	25-JUN-80	1	33000	0.000012	0.000013
S-33	28-MAY-80	25-JUN-80	1	37000	0.000010	0.000011
S-34	28-MAY-80	25-JUN-80	1	33000	0.000015	0.000016
S-35	28-MAY-80	25-JUN-80	1	30000	0.000015	0.000016
S-36	28-MAY-80	25-JUN-80	1	34000	0.000010	0.000011
S-37	28-MAY-80	25-JUN-80	1	31000	0.000029	0.000030
S-38	28-MAY-80	25-JUN-80	1	29000	0.000000	0.000020
S-39	28-MAY-80	25-JUN-80	1	34000	0.000015	0.000016
S-40	28-MAY-80	25-JUN-80	1	34000	0.000010	0.000011
S-41	28-MAY-80	25-JUN-80	1	32000	0.000022	0.000023
S-42	28-MAY-80	25-JUN-80	1	32000	0.000012	0.000013
S-43	28-MAY-80	25-JUN-80	1	32000	0.000014	0.000015
S-44	28-MAY-80	25-JUN-80	1	31000	0.000009	0.000010
S-31	30-JUN-80	28-JUL-80	1	38000	0.000004	0.000007
S-32	30-JUN-80	28-JUL-80	1	41000	0.000002	0.000005
S-33	30-JUN-80	28-JUL-80	1	43000	0.000006	0.000009
S-34	30-JUN-80	28-JUL-80	1	40000	0.000003	0.000006
S-35	30-JUN-80	28-JUL-80	1	38000	0.000000	0.000005
S-36	30-JUN-80	28-JUL-80	1	45000	0.000000	0.000005
S-37	30-JUN-80	28-JUL-80	1	38000	0.000008	0.000012
S-38	30-JUN-80	28-JUL-80	1	36000	0.000016	0.000021
S-39	30-JUN-80	28-JUL-80	1	43000	0.000000	0.000007
S-40	30-JUN-80	28-JUL-80	1	43000	0.000003	0.000005
S-41	30-JUN-80	28-JUL-80	1	39000	0.000000	0.000005
S-42	30-JUN-80	28-JUL-80	1	40000	0.000003	0.000006
S-43	30-JUN-80	28-JUL-80	1	40000	0.000003	0.000006
S-44	30-JUN-80	28-JUL-80	1	35000	0.000005	0.000009
S-31	30-JUL-80	27-AUG-80	1	36000	0.000000	0.000003
S-32	30-JUL-80	27-AUG-80	1	35000	0.000000	0.000004
S-33	30-JUL-80	27-AUG-80	1	36000	0.000000	0.000004
S-34	30-JUL-80	27-AUG-80	1	34000	0.000000	0.000004
S-35	30-JUL-80	27-AUG-80	1	31000	0.000000	0.000005
S-36	30-JUL-80	27-AUG-80	1	35000	0.000000	0.000004
S-37	30-JUL-80	27-AUG-80	1	32000	0.000000	0.000005
S-38	30-JUL-80	27-AUG-80	1	29000	0.000000	0.000005
S-39	30-JUL-80	27-AUG-80	1	34000	0.000000	0.000004
S-40	30-JUL-80	27-AUG-80	1	35000	0.000000	0.000004

PLUTONIUM IN PERIMETER AMBIENT AIR - 1980

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43	0.000015	0.000004	04	80
S-44	0.000024	0.000007	04	80
S-31	0.000018	0.000001	05	80
S-32	0.000014	0.000001	05	80
S-33	0.000022	0.000001	05	80
S-34	0.000024	0.000001	05	80
S-35	0.000016	0.000001	05	80
S-36	0.000024	0.000001	05	80
S-37	0.000025	0.000001	05	80
S-38	0.000022	0.000001	05	80
S-39	0.000020	0.000001	05	80
S-40	0.000021	0.000001	05	80
S-41	0.000025	0.000001	05	80
S-42	0.000023	0.000001	05	80
S-43	0.000020	0.000001	05	80
S-44	0.000019	0.000001	05	80
S-31	0.000017	0.000001	06	80
S-32	0.000014	0.000001	06	80
S-33	0.000012	0.000001	06	80
S-34	0.000017	0.000001	06	80
S-35	0.000017	0.000001	06	80
S-36	0.000012	0.000001	06	80
S-37	0.000031	0.000001	06	80
S-38	0.000020	<	06	80
S-39	0.000017	0.000001	06	80
S-40	0.000012	0.000001	06	80
S-41	0.000024	0.000001	06	80
S-42	0.000014	0.000001	06	80
S-43	0.000016	0.000001	06	80
S-44	0.000011	0.000001	06	80
S-31	0.000010	0.000003	07	80
S-32	0.000008	0.000003	07	80
S-33	0.000012	0.000003	07	80
S-34	0.000009	0.000003	07	80
S-35	0.000005	<	07	80
S-36	0.000005	<	07	80
S-37	0.000016	0.000004	07	80
S-38	0.000026	0.000005	07	80
S-39	0.000014	0.000007	07	80
S-40	0.000007	0.000002	07	80
S-41	0.000005	<	07	80
S-42	0.000009	0.000003	07	80
S-43	0.000009	0.000003	07	80
S-44	0.000013	0.000004	07	80
S-31	0.000003	<	08	80
S-32	0.000004	<	08	80
S-33	0.000004	<	08	80
S-34	0.000004	<	08	80
S-35	0.000005	<	08	80
S-36	0.000004	<	08	80
S-37	0.000005	<	08	80
S-38	0.000005	<	08	80
S-39	0.000004	<	08	80
S-40	0.000004	<	08	80

PLUTONIUM IN PERIMETER AMBIENT AIR - 1980

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-41	30-JUL-80	27-AUG-80	1	33000	0.000000	0.000005
S-42	30-JUL-80	27-AUG-80	1	33000	0.000000	0.000005
S-43	30-JUL-80	27-AUG-80	1	33000	0.000000	0.000006
S-44	30-JUL-80	27-AUG-80	1	33000	0.000000	0.000006
S-31	27-AUG-80	01-OCT-80	1	42000	0.000000	0.000002
S-32	27-AUG-80	01-OCT-80	1	44000	0.000000	0.000002
S-33	27-AUG-80	01-OCT-80	1	45000	0.000001	0.000002
S-34	27-AUG-80	01-OCT-80	1	41000	0.000001	0.000003
S-35	27-AUG-80	01-OCT-80	1	43000	0.000001	0.000003
S-36	27-AUG-80	01-OCT-80	1	44000	0.000000	0.000002
S-37	27-AUG-80	01-OCT-80	1	45000	0.000000	0.000002
S-38	27-AUG-80	01-OCT-80	1	37000	0.000005	0.000007
S-39	27-AUG-80	01-OCT-80	1	42000	0.000001	0.000003
S-40	27-AUG-80	01-OCT-80	1	46000	0.000000	0.000002
S-41	27-AUG-80	01-OCT-80	1	43000	0.000000	0.000003
S-42	27-AUG-80	01-OCT-80	1	42000	0.000000	0.000002
S-43	27-AUG-80	01-OCT-80	1	42000	0.000001	0.000002
S-44	27-AUG-80	01-OCT-80	1	39000	0.000001	0.000002
S-31	01-OCT-80	29-OCT-80	1	34000	0.000013	0.000016
S-32	01-OCT-80	29-OCT-80	1	33000	0.000000	0.000005
S-33	01-OCT-80	29-OCT-80	1	35000	0.000001	0.000002
S-34	01-OCT-80	29-OCT-80	1	35000	0.000000	0.000003
S-35	01-OCT-80	29-OCT-80	1	31000	0.000000	0.000003
S-36	01-OCT-80	29-OCT-80	1	34000	0.000002	0.000004
S-37	01-OCT-80	29-OCT-80	1	37000	0.000004	0.000006
S-38	01-OCT-80	29-OCT-80	1	30000	0.000002	0.000004
S-39	01-OCT-80	29-OCT-80	1	37000	0.000001	0.000003
S-40	01-OCT-80	29-OCT-80	1	34000	0.000000	0.000002
S-41	01-OCT-80	29-OCT-80	1	32000	0.000000	0.000003
S-42	01-OCT-80	29-OCT-80	1	33000	0.000000	0.000003
S-43	01-OCT-80	29-OCT-80	1	33000	0.000000	0.000003
S-44	01-OCT-80	29-OCT-80	1	31000	0.000000	0.000003
S-31	29-OCT-80	26-NOV-80	1	34000	0.000000	0.000003
S-32	29-OCT-80	26-NOV-80	1	36000	0.000005	0.000008
S-33	29-OCT-80	26-NOV-80	1	36000	0.000004	0.000007
S-34	29-OCT-80	26-NOV-80	1	36000	0.000000	0.000003
S-35	29-OCT-80	26-NOV-80	1	34000	0.000003	0.000005
S-36	29-OCT-80	26-NOV-80	1	32000	0.000000	0.000005
S-37	29-OCT-80	26-NOV-80	1	38000	0.000005	0.000008
S-38	29-OCT-80	26-NOV-80	1	32000	0.000000	0.000008
S-39	29-OCT-80	26-NOV-80	1	37000	0.000001	0.000003
S-40	29-OCT-80	26-NOV-80	1	36000	0.000002	0.000005
S-41	29-OCT-80	26-NOV-80	1	36000	0.000002	0.000005
S-42	29-OCT-80	26-NOV-80	1	36000	0.000001	0.000003
S-43	29-OCT-80	26-NOV-80	1	35000	0.000001	0.000002
S-44	29-OCT-80	26-NOV-80	1	32000	0.000001	0.000003
S-31	26-NOV-80	24-DEC-80	1	27000	0.000000	0.000006
S-32	26-NOV-80	24-DEC-80	1	37000	0.000000	0.000005
S-33	26-NOV-80	24-DEC-80	1	37000	0.000000	0.000006
S-34	26-NOV-80	24-DEC-80	1	34000	0.000000	0.000005
S-35	26-NOV-80	24-DEC-80	1	32000	0.000000	0.000005
S-36	26-NOV-80	24-DEC-80	1	25000	0.000000	0.000008
S-37	26-NOV-80	24-DEC-80	1	36000	0.000005	0.000008
S-38	26-NOV-80	24-DEC-80	1	30000	0.000032	0.000038

PLUTONIUM IN PERIMETER AMBIENT AIR - 1980

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.000005	<	08	80
S-42	0.000005	<	08	80
S-43	0.000006	<	08	80
S-44	0.000006	<	08	80
S-31	0.000002	<	09	80
S-32	0.000002	<	09	80
S-33	0.000003	0.000001	09	80
S-34	0.000005	0.000002	09	80
S-35	0.000005	0.000002	09	80
S-36	0.000002	<	09	80
S-37	0.000004	0.000002	09	80
S-38	0.000009	0.000002	09	80
S-39	0.000005	0.000002	09	80
S-40	0.000002	<	09	80
S-41	0.000003	<	09	80
S-42	0.000002	<	09	80
S-43	0.000003	0.000001	09	80
S-44	0.000003	0.000001	09	80
S-31	0.000019	0.000003	10	80
S-32	0.000005	<	10	80
S-33	0.000003	0.000001	10	80
S-34	0.000003	<	10	80
S-35	0.000003	<	10	80
S-36	0.000006	0.000002	10	80
S-37	0.000008	0.000002	10	80
S-38	0.000006	0.000002	10	80
S-39	0.000005	0.000002	10	80
S-40	0.000002	<	10	80
S-41	0.000003	<	10	80
S-42	0.000003	<	10	80
S-43	0.000003	<	10	80
S-44	0.000003	<	10	80
S-31	0.000003	<	11	80
S-32	0.000011	0.000003	11	80
S-33	0.000010	0.000003	11	80
S-34	0.000003	<	11	80
S-35	0.000007	0.000002	11	80
S-36	0.000005	<	11	80
S-37	0.000011	0.000003	11	80
S-38	0.000008	<	11	80
S-39	0.000005	0.000002	11	80
S-40	0.000008	0.000003	11	80
S-41	0.000008	0.000003	11	80
S-42	0.000005	0.000002	11	80
S-43	0.000003	0.000001	11	80
S-44	0.000005	0.000002	11	80
S-31	0.000006	<	12	80
S-32	0.000005	<	12	80
S-33	0.000006	<	12	80
S-34	0.000005	<	12	80
S-35	0.000005	<	12	80
S-36	0.000008	<	12	80
S-37	0.000011	0.000003	12	80
S-38	0.000044	0.000006	12	80

PLUTONIUM IN PERIMETER AMBIENT AIR - 1980

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-39	26-NOV-80	24-DEC-80	1	36000	0.000000	0.000004
S-40	26-NOV-80	24-DEC-80	1	36000	0.000000	0.000008
S-41	26-NOV-80	24-DEC-80	1	36000	0.000000	0.000005
S-42	26-NOV-80	24-DEC-80	1	36000	0.000000	0.000007
S-43	26-NOV-80	24-DEC-80	1	32000	0.000000	0.000005
S-44	26-NOV-80	24-DEC-80	1	32000	0.000000	0.000006

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.000004	<	12	80
S-40	0.000008	<	12	80
S-41	0.000005	<	12	80
S-42	0.000007	<	12	80
S-43	0.000005	<	12	80
S-44	0.000006	<	12	80

PLUTONIUM IN PERIMETER AMBIENT AIR - 1981

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-31	24-DEC-80	28-JAN-81	1	43000	0.000021	0.000030
S-32	24-DEC-80	28-JAN-81	1	46000	0.000005	0.000010
S-33	24-DEC-80	28-JAN-81	1	47000	0.000005	0.000008
S-34	24-DEC-80	28-JAN-81	1	44000	0.000006	0.000010
S-35	24-DEC-80	28-JAN-81	1	42000	0.000008	0.000013
S-36	24-DEC-80	28-JAN-81	1	43000	0.000009	0.000019
S-37	24-DEC-80	28-JAN-81	1	47000	0.000013	0.000020
S-38	24-DEC-80	28-JAN-81	1	40000	0.000007	0.000012
S-39	24-DEC-80	28-JAN-81	1	45000	0.000004	0.000010
S-40	24-DEC-80	28-JAN-81	1	47000	0.000003	0.000008
S-41	24-DEC-80	28-JAN-81	1	48000	0.000007	0.000013
S-42	24-DEC-80	28-JAN-81	1	48000	0.000003	0.000007
S-43	24-DEC-80	28-JAN-81	1	49000	0.000006	0.000011
S-44	24-DEC-80	28-JAN-81	1	41000	0.000010	0.000015
S-31	28-JAN-81	25-FEB-81	1	34000	0.000016	0.000020
S-32	28-JAN-81	25-FEB-81	1	38000	0.000016	0.000020
S-33	28-JAN-81	25-FEB-81	1	37000	0.000018	0.000021
S-34	28-JAN-81	25-FEB-81	1	35000	0.000014	0.000017
S-35	28-JAN-81	25-FEB-81	1	33000	0.000018	0.000021
S-36	28-JAN-81	25-FEB-81	1	33000	0.000018	0.000022
S-37	28-JAN-81	25-FEB-81	1	38000	0.000021	0.000024
S-38	28-JAN-81	25-FEB-81	1	30000	0.000017	0.000020
S-39	28-JAN-81	25-FEB-81	1	36000	0.000016	0.000019
S-40	28-JAN-81	25-FEB-81	1	37000	0.000017	0.000020
S-41	28-JAN-81	25-FEB-81	1	36000	0.000018	0.000022
S-42	28-JAN-81	25-FEB-81	1	36000	0.000016	0.000019
S-43	28-JAN-81	25-FEB-81	1	35000	0.000017	0.000021
S-44	28-JAN-81	25-FEB-81	1	32000	0.000020	0.000024
S-31	25-FEB-81	28-MAR-81	1	34000	0.000022	0.000027
S-32	25-FEB-81	28-MAR-81	1	33000	0.000023	0.000028
S-33	25-FEB-81	28-MAR-81	1	35000	0.000023	0.000027
S-34	25-FEB-81	28-MAR-81	1	35000	0.000020	0.000024
S-35	25-FEB-81	28-MAR-81	1	33000	0.000025	0.000030
S-36	25-FEB-81	28-MAR-81	1	33000	0.000022	0.000027
S-37	25-FEB-81	28-MAR-81	1	37000	0.000030	0.000037
S-38	25-FEB-81	28-MAR-81	1	31000	0.000020	0.000028
S-39	25-FEB-81	28-MAR-81	1	36000	0.000015	0.000020
S-40	25-FEB-81	28-MAR-81	1	37000	0.000026	0.000032
S-41	25-FEB-81	28-MAR-81	1	36000	0.000021	0.000027
S-42	25-FEB-81	28-MAR-81	1	36000	0.000025	0.000032
S-43	25-FEB-81	28-MAR-81	1	35000	0.000017	0.000022
S-44	25-FEB-81	28-MAR-81	1	33000	0.000023	0.000029
S-31	28-MAR-81	30-APR-81	1	42000	0.000040	0.000043
S-32	28-MAR-81	30-APR-81	1	33000	0.000052	0.000054
S-33	28-MAR-81	30-APR-81	1	41000	0.000037	0.000039
S-34	28-MAR-81	30-APR-81	1	44000	0.000037	0.000040
S-35	28-MAR-81	30-APR-81	1	41000	0.000045	0.000048
S-36	28-MAR-81	30-APR-81	1	42000	0.000039	0.000042
S-37	28-MAR-81	30-APR-81	1	47000	0.000036	0.000039
S-38	28-MAR-81	30-APR-81	1	37000	0.000036	0.000040
S-39	28-MAR-81	30-APR-81	1	46000	0.000036	0.000038
S-40	28-MAR-81	30-APR-81	1	48000	0.000036	0.000038
S-41	28-MAR-81	30-APR-81	1	44000	0.000041	0.000044
S-42	28-MAR-81	30-APR-81	1	37000	0.000039	0.000042

PLUTONIUM IN PERIMETER AMBIENT AIR - 1981

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-31	0.000039	0.000009	01	81
S-32	0.000015	0.000005	01	81
S-33	0.000011	0.000003	01	81
S-34	0.000014	0.000004	01	81
S-35	0.000018	0.000005	01	81
S-36	0.000029	0.000010	01	81
S-37	0.000027	0.000007	01	81
S-38	0.000017	0.000005	01	81
S-39	0.000016	0.000006	01	81
S-40	0.000013	0.000005	01	81
S-41	0.000019	0.000006	01	81
S-42	0.000011	0.000004	01	81
S-43	0.000016	0.000005	01	81
S-44	0.000020	0.000005	01	81
S-31	0.000024	0.000004	02	81
S-32	0.000024	0.000004	02	81
S-33	0.000024	0.000003	02	81
S-34	0.000020	0.000003	02	81
S-35	0.000024	0.000003	02	81
S-36	0.000026	0.000004	02	81
S-37	0.000027	0.000003	02	81
S-38	0.000023	0.000003	02	81
S-39	0.000022	0.000003	02	81
S-40	0.000023	0.000003	02	81
S-41	0.000026	0.000004	02	81
S-42	0.000022	0.000003	02	81
S-43	0.000025	0.000004	02	81
S-44	0.000028	0.000004	02	81
S-31	0.000032	0.000005	03	81
S-32	0.000033	0.000005	03	81
S-33	0.000031	0.000004	03	81
S-34	0.000028	0.000004	03	81
S-35	0.000035	0.000005	03	81
S-36	0.000032	0.000005	03	81
S-37	0.000044	0.000007	03	81
S-38	0.000036	0.000008	03	81
S-39	0.000025	0.000005	03	81
S-40	0.000038	0.000006	03	81
S-41	0.000033	0.000006	03	81
S-42	0.000039	0.000007	03	81
S-43	0.000027	0.000005	03	81
S-44	0.000035	0.000006	03	81
S-31	0.000046	0.000003	04	81
S-32	0.000056	0.000002	04	81
S-33	0.000041	0.000002	04	81
S-34	0.000043	0.000003	04	81
S-35	0.000051	0.000003	04	81
S-36	0.000045	0.000003	04	81
S-37	0.000042	0.000003	04	81
S-38	0.000044	0.000004	04	81
S-39	0.000040	0.000002	04	81
S-40	0.000040	0.000002	04	81
S-41	0.000047	0.000003	04	81
S-42	0.000045	0.000003	04	81

PLUTONIUM IN PERIMETER AMBIENT AIR - 1981

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT. EST. CONC. (pCi/m ³)
S-43	28-MAR-81	30-APR-81	1	42000	0.000040	0.000045
S-44	28-MAR-81	30-APR-81	1	41000	0.000038	0.000045
S-31	30-APR-81	28-MAY-81	1	30000	0.000028	0.000033
S-32	30-APR-81	28-MAY-81	1	25000	0.000026	0.000032
S-33	30-APR-81	28-MAY-81	1	30000	0.000028	0.000034
S-34	30-APR-81	28-MAY-81	1	33000	0.000018	0.000024
S-35	30-APR-81	28-MAY-81	1	31000	0.000029	0.000039
S-36	30-APR-81	28-MAY-81	1	22000	0.000017	0.000029
S-37	30-APR-81	28-MAY-81	1	35000	0.000024	0.000028
S-38	30-APR-81	28-MAY-81	1	29000	0.000022	0.000028
S-39	30-APR-81	28-MAY-81	1	34000	0.000020	0.000025
S-40	30-APR-81	28-MAY-81	1	35000	0.000025	0.000032
S-41	30-APR-81	28-MAY-81	1	29000	0.000021	0.000029
S-42	30-APR-81	28-MAY-81	1	34000	0.000017	0.000021
S-43	30-APR-81	28-MAY-81	1	29000	0.000027	0.000032
S-44	30-APR-81	28-MAY-81	1	33000	0.000023	0.000027
S-31	28-MAY-81	24-JUN-81	1	29000	0.000032	0.000039
S-32	28-MAY-81	24-JUN-81	1	28000	0.000026	0.000031
S-33	28-MAY-81	24-JUN-81	1	22000	0.000030	0.000037
S-34	28-MAY-81	24-JUN-81	1	30000	0.000031	0.000035
S-35	28-MAY-81	24-JUN-81	1	28000	0.000035	0.000041
S-36	28-MAY-81	24-JUN-81	1	40000	0.000031	0.000037
S-37	28-MAY-81	24-JUN-81	1	33000	0.000017	0.000022
S-38	28-MAY-81	24-JUN-81	1	26000	0.000032	0.000038
S-39	28-MAY-81	24-JUN-81	1	32000	0.000025	0.000031
S-40	28-MAY-81	24-JUN-81	1	32000	0.000027	0.000032
S-41	28-MAY-81	24-JUN-81	1	34000	0.000025	0.000030
S-42	28-MAY-81	24-JUN-81	1	33000	0.000062	0.000077
S-43	28-MAY-81	24-JUN-81	1	27000	0.000028	0.000034
S-44	28-MAY-81	24-JUN-81	1	30000	0.000028	0.000033
S-31	24-JUN-81	29-JUL-81	1	40000	0.000018	0.000020
S-32	24-JUN-81	29-JUL-81	1	40000	0.000014	0.000017
S-33	24-JUN-81	29-JUL-81	1	30000	0.000022	0.000025
S-34	24-JUN-81	29-JUL-81	1	40000	0.000016	0.000020
S-35	24-JUN-81	29-JUL-81	1	37000	0.000012	0.000016
S-36	24-JUN-81	29-JUL-81	1	40000	0.000017	0.000021
S-37	24-JUN-81	29-JUL-81	1	45000	0.000014	0.000017
S-38	24-JUN-81	29-JUL-81	1	37000	0.000015	0.000017
S-39	24-JUN-81	29-JUL-81	1	42000	0.000013	0.000016
S-40	24-JUN-81	29-JUL-81	1	42000	0.000014	0.000016
S-41	24-JUN-81	29-JUL-81	1	43000	0.000014	0.000017
S-42	24-JUN-81	29-JUL-81	1	43000	0.000016	0.000019
S-43	24-JUN-81	29-JUL-81	1	36000	0.000014	0.000017
S-44	24-JUN-81	29-JUL-81	1	41000	0.000014	0.000017
S-31	27-JUL-81	26-AUG-81	1	31000	0.000006	0.000009
S-32	27-JUL-81	26-AUG-81	1	31000	0.000020	0.000024
S-33	27-JUL-81	26-AUG-81	1	22000	0.000012	0.000016
S-34	27-JUL-81	26-AUG-81	1	31000	0.000007	0.000009
S-35	27-JUL-81	26-AUG-81	1	29000	0.000009	0.000012
S-36	27-JUL-81	26-AUG-81	1	32000	0.000010	0.000013
S-37	27-JUL-81	26-AUG-81	1	34000	0.000008	0.000011
S-38	27-JUL-81	26-AUG-81	1	27000	0.000008	0.000011
S-39	27-JUL-81	26-AUG-81	1	33000	0.000008	0.000011
S-40	27-JUL-81	26-AUG-81	1	33000	0.000007	0.000010

PLUTONIUM IN PERIMETER AMBIENT AIR - 1981

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43	0.000050	0.000005	04	81
S-44	0.000052	0.000007	04	81
S-31	0.000038	0.000005	05	81
S-32	0.000038	0.000006	05	81
S-33	0.000040	0.000006	05	81
S-34	0.000030	0.000006	05	81
S-35	0.000049	0.000010	05	81
S-36	0.000041	0.000012	05	81
S-37	0.000032	0.000004	05	81
S-38	0.000034	0.000006	05	81
S-39	0.000030	0.000005	05	81
S-40	0.000039	0.000007	05	81
S-41	0.000037	0.000008	05	81
S-42	0.000025	0.000004	05	81
S-43	0.000037	0.000005	05	81
S-44	0.000031	0.000004	05	81
S-31	0.000046	0.000007	06	81
S-32	0.000036	0.000005	06	81
S-33	0.000044	0.000007	06	81
S-34	0.000039	0.000004	06	81
S-35	0.000047	0.000006	06	81
S-36	0.000043	0.000006	06	81
S-37	0.000027	0.000005	06	81
S-38	0.000044	0.000006	06	81
S-39	0.000037	0.000006	06	81
S-40	0.000037	0.000005	06	81
S-41	0.000035	0.000005	06	81
S-42	0.000092	0.000015	06	81
S-43	0.000040	0.000006	06	81
S-44	0.000038	0.000005	06	81
S-31	0.000022	0.000002	07	81
S-32	0.000020	0.000003	07	81
S-33	0.000028	0.000003	07	81
S-34	0.000024	0.000004	07	81
S-35	0.000020	0.000004	07	81
S-36	0.000025	0.000004	07	81
S-37	0.000020	0.000003	07	81
S-38	0.000019	0.000002	07	81
S-39	0.000019	0.000003	07	81
S-40	0.000018	0.000002	07	81
S-41	0.000020	0.000003	07	81
S-42	0.000022	0.000003	07	81
S-43	0.000020	0.000003	07	81
S-44	0.000020	0.000003	07	81
S-31	0.000012	0.000003	08	81
S-32	0.000028	0.000004	08	81
S-33	0.000020	0.000004	08	81
S-34	0.000011	0.000002	08	81
S-35	0.000015	0.000003	08	81
S-36	0.000016	0.000003	08	81
S-37	0.000014	0.000003	08	81
S-38	0.000014	0.000003	08	81
S-39	0.000014	0.000003	08	81
S-40	0.000013	0.000003	08	81

PLUTONIUM IN PERIMETER AMBIENT AIR - 1987

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC (pCi/m ³)
S-41	04-AUG-87	01-SEP-87	1	31000	0.000003	0.000005
S-42	04-AUG-87	01-SEP-87	1	30000	-0.000002	0.000000
S-43	04-AUG-87	01-SEP-87	1	32000	-0.000002	0.000000
S-44	04-AUG-87	01-SEP-87	1	28000	-0.000002	0.000000

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.000007	0.000002	08	87
S-42	0.000002	0.000002	08	87
S-43	0.000002	0.000002	08	87
S-44	0.000002	0.000002	08	87

PLUTONIUM IN PERIMETER AMBIENT AIR - 1981

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-41	27-JUL-81	26-AUG-81	1	33000	0.000006	0.000008
S-42	27-JUL-81	26-AUG-81	1	33000	0.000008	0.000011
S-43	27-JUL-81	26-AUG-81	1	32000	0.000008	0.000011
S-44	27-JUL-81	26-AUG-81	1	29000	0.000009	0.000012
S-31	26-AUG-81	30-SEP-81	1	40000	0.000006	0.000007
S-32	26-AUG-81	30-SEP-81	1	40000	0.000005	0.000006
S-33	26-AUG-81	30-SEP-81	1	35000	0.000005	0.000006
S-34	26-AUG-81	30-SEP-81	1	41000	0.000005	0.000006
S-35	26-AUG-81	30-SEP-81	1	39000	0.000005	0.000006
S-36	26-AUG-81	30-SEP-81	1	41000	0.000005	0.000006
S-37	26-AUG-81	30-SEP-81	1	46000	0.000006	0.000007
S-38	26-AUG-81	30-SEP-81	1	36000	0.000006	0.000007
S-39	26-AUG-81	30-SEP-81	1	42000	0.000002	0.000004
S-40	26-AUG-81	30-SEP-81	1	44000	0.000004	0.000006
S-41	26-AUG-81	30-SEP-81	1	43000	0.000003	0.000004
S-42	26-AUG-81	30-SEP-81	1	44000	0.000005	0.000006
S-43	26-AUG-81	30-SEP-81	1	43000	0.000003	0.000005
S-44	26-AUG-81	30-SEP-81	1	39000	0.000001	0.000003
S-31	30-SEP-81	27-OCT-81	1	33000	0.000003	0.000005
S-32	30-SEP-81	27-OCT-81	0			
S-33	30-SEP-81	27-OCT-81	1	30000	0.000002	0.000004
S-34	30-SEP-81	27-OCT-81	1	33000	0.000002	0.000004
S-35	30-SEP-81	27-OCT-81	1	31000	0.000002	0.000004
S-36	30-SEP-81	27-OCT-81	1	31000	0.000007	0.000011
S-37	30-SEP-81	27-OCT-81	1	35000	0.000000	0.000002
S-38	30-SEP-81	27-OCT-81	1	29000	0.000004	0.000006
S-39	30-SEP-81	27-OCT-81	1	32000	0.000001	0.000003
S-40	30-SEP-81	27-OCT-81	1	37000	0.000001	0.000003
S-41	30-SEP-81	27-OCT-81	1	34000	0.000007	0.000012
S-42	30-SEP-81	27-OCT-81	1	35000	0.000007	0.000010
S-43	30-SEP-81	27-OCT-81	1	34000	0.000000	0.000002
S-44	30-SEP-81	27-OCT-81	1	32000	0.000002	0.000004
S-31	27-OCT-81	02-DEC-81	1	42000	0.000001	0.000002
S-32	27-OCT-81	02-DEC-81	1	42000	0.000002	0.000004
S-33	27-OCT-81	02-DEC-81	1	36000	0.000002	0.000004
S-34	27-OCT-81	02-DEC-81	1	42000	0.000004	0.000006
S-35	27-OCT-81	02-DEC-81	1	39000	0.000001	0.000002
S-36	27-OCT-81	02-DEC-81	1	39000	0.000004	0.000007
S-37	27-OCT-81	02-DEC-81	1	50000	0.000009	0.000012
S-38	27-OCT-81	02-DEC-81	0			
S-39	27-OCT-81	02-DEC-81	1	43000	0.000006	0.000008
S-40	27-OCT-81	02-DEC-81	1	43000	0.000001	0.000003
S-41	27-OCT-81	02-DEC-81	1	43000	0.000001	0.000003
S-42	27-OCT-81	02-DEC-81	1	44000	0.000002	0.000004
S-43	27-OCT-81	02-DEC-81	1	43000	0.000001	0.000002
S-44	27-OCT-81	02-DEC-81	1	41000	0.000001	0.000003
S-31	02-DEC-81	06-JAN-82	1	44000	0.000000	0.000002
S-32	02-DEC-81	06-JAN-82	1	42000	0.000002	0.000004
S-33	02-DEC-81	06-JAN-82	1	41000	0.000001	0.000004
S-34	02-DEC-81	06-JAN-82	1	46000	0.000003	0.000006
S-35	02-DEC-81	06-JAN-82	1	42000	0.000001	0.000003
S-36	02-DEC-81	06-JAN-82	1	43000	0.000003	0.000005
S-37	02-DEC-81	06-JAN-82	1	47000	0.000005	0.000009
S-38	02-DEC-81	06-JAN-82	1	39000	0.000003	0.000006

PLUTONIUM IN PERIMETER AMBIENT AIR - 1981

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.000010	0.000002	08	81
S-42	0.000014	0.000003	08	81
S-43	0.000014	0.000003	08	81
S-44	0.000015	0.000003	08	81
S-31	0.000008	0.000001	09	81
S-32	0.000007	0.000001	09	81
S-33	0.000007	0.000001	09	81
S-34	0.000007	0.000001	09	81
S-35	0.000007	0.000001	09	81
S-36	0.000007	0.000001	09	81
S-37	0.000008	0.000001	09	81
S-38	0.000008	0.000001	09	81
S-39	0.000006	0.000002	09	81
S-40	0.000008	0.000002	09	81
S-41	0.000005	0.000001	09	81
S-42	0.000007	0.000001	09	81
S-43	0.000007	0.000002	09	81
S-44	0.000005	0.000002	09	81
S-31	0.000007	0.000002	10	81
S-32			10	81
S-33	0.000006	0.000002	10	81
S-34	0.000006	0.000002	10	81
S-35	0.000006	0.000002	10	81
S-36	0.000015	0.000004	10	81
S-37	0.000004	0.000002	10	81
S-38	0.000008	0.000002	10	81
S-39	0.000005	0.000002	10	81
S-40	0.000005	0.000002	10	81
S-41	0.000017	0.000005	10	81
S-42	0.000013	0.000003	10	81
S-43	0.000004	0.000002	10	81
S-44	0.000006	0.000002	10	81
S-31	0.000003	0.000001	11	81
S-32	0.000006	0.000002	11	81
S-33	0.000006	0.000002	11	81
S-34	0.000008	0.000002	11	81
S-35	0.000003	0.000001	11	81
S-36	0.000010	0.000003	11	81
S-37	0.000015	0.000003	11	81
S-38			11	81
S-39	0.000010	0.000002	11	81
S-40	0.000005	0.000002	11	81
S-41	0.000005	0.000002	11	81
S-42	0.000006	0.000002	11	81
S-43	0.000003	0.000001	11	81
S-44	0.000005	0.000002	11	81
S-31	0.000004	0.000002	12	81
S-32	0.000006	0.000002	12	81
S-33	0.000007	0.000003	12	81
S-34	0.000009	0.000003	12	81
S-35	0.000005	0.000002	12	81
S-36	0.000007	0.000002	12	81
S-37	0.000013	0.000004	12	81
S-38	0.000009	0.000003	12	81

PLUTONIUM IN PERIMETER AMBIENT AIR - 1981

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC. (pCi/m ³)
S-39	02-DEC-81	06-JAN-82	1	43000	0.000004	0.000007
S-40	02-DEC-81	06-JAN-82	1	48000	0.000000	0.000002
S-41	02-DEC-81	06-JAN-82	1	45000	0.000001	0.000003
S-42	02-DEC-81	06-JAN-82	1	46000	0.000001	0.000002
S-43	02-DEC-81	06-JAN-82	1	44000	0.000002	0.000003
S-44	02-DEC-81	06-JAN-82	1	41000	0.000001	0.000003

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.000010	0.000003	12	81
S-40	0.000004	0.000002	12	81
S-41	0.000005	0.000002	12	81
S-42	0.000003	0.000001	12	81
S-43	0.000004	0.000001	12	81
S-44	0.000005	0.000002	12	81

PLUTONIUM IN PERIMETER AMBIENT AIR - 1982

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-31	06-JAN-82	27-JAN-82	0	23000	0.000001	0.000003
S-32	06-JAN-82	27-JAN-82	1	21000	0.000003	0.000006
S-33	06-JAN-82	27-JAN-82	1	27000	0.000000	0.000002
S-34	06-JAN-82	27-JAN-82	1	25000	0.000002	0.000004
S-35	06-JAN-82	27-JAN-82	1	26000	0.000001	0.000003
S-36	06-JAN-82	27-JAN-82	1	29000	0.000012	0.000016
S-37	06-JAN-82	27-JAN-82	1	25000	0.000004	0.000007
S-38	06-JAN-82	27-JAN-82	1	25000	0.000002	0.000005
S-39	06-JAN-82	27-JAN-82	1	25000	0.000002	0.000005
S-40	06-JAN-82	27-JAN-82	1	28000	0.000004	0.000006
S-41	06-JAN-82	27-JAN-82	1	26000	0.000002	0.000004
S-42	06-JAN-82	27-JAN-82	1	26000	0.000003	0.000005
S-43	06-JAN-82	27-JAN-82	1	24000	0.000002	0.000006
S-44	06-JAN-82	27-JAN-82	1	25000	0.000002	0.000003
S-31	27-JAN-82	24-FEB-82	1	41000	0.000003	0.000005
S-32	27-JAN-82	24-FEB-82	1	34000		0.000006
S-33	27-JAN-82	24-FEB-82	1	32000	0.000033	0.000042
S-34	27-JAN-82	24-FEB-82	1	36000	0.000002	0.000004
S-35	27-JAN-82	24-FEB-82	1	31000	0.000004	0.000007
S-36	27-JAN-82	24-FEB-82	1	34000	0.000004	0.000006
S-37	27-JAN-82	24-FEB-82	1	38000	0.000005	0.000008
S-38	27-JAN-82	24-FEB-82	1	31000	0.000009	0.000012
S-39	27-JAN-82	24-FEB-82	1	35000	0.000005	0.000008
S-40	27-JAN-82	24-FEB-82	1	40000	0.000002	0.000004
S-41	27-JAN-82	24-FEB-82	1	37000	0.000005	0.000009
S-42	27-JAN-82	24-FEB-82	1	38000	0.000006	0.000010
S-43	27-JAN-82	24-FEB-82	1	28000	0.000007	0.000009
S-44	27-JAN-82	24-FEB-82	1	34000	0.000008	0.000011
S-31	24-FEB-82	31-MAR-82	1	44000	0.000004	0.000005
S-32	24-FEB-82	31-MAR-82	1	41000		0.000007
S-33	24-FEB-82	31-MAR-82	1	38000	0.000004	0.000006
S-34	24-FEB-82	31-MAR-82	1	43000	0.000004	0.000007
S-35	24-FEB-82	31-MAR-82	1	43000	0.000003	0.000005
S-36	24-FEB-82	31-MAR-82	1	42000	0.000004	0.000006
S-37	24-FEB-82	31-MAR-82	1	41000	0.000008	0.000012
S-38	24-FEB-82	31-MAR-82	1	37000	0.000004	0.000007
S-39	24-FEB-82	31-MAR-82	1	40000	0.000003	0.000006
S-40	24-FEB-82	31-MAR-82	1	47000	0.000005	0.000007
S-41	24-FEB-82	31-MAR-82	1	42000	0.000005	0.000007
S-42	24-FEB-82	31-MAR-82	1	44000	0.000005	0.000007
S-43	24-FEB-82	31-MAR-82	1	22000	0.000009	0.000014
S-44	24-FEB-82	31-MAR-82	1	41000	0.000003	0.000005
S-31	31-MAR-82	28-APR-82	1	35000	0.000004	0.000006
S-32	31-MAR-82	28-APR-82	1	41000		0.000008
S-33	31-MAR-82	28-APR-82	1	31000	0.000006	0.000009
S-34	31-MAR-82	28-APR-82	1	34000	0.000006	0.000008
S-35	31-MAR-82	28-APR-82	1	33000	0.000004	0.000007
S-36	31-MAR-82	28-APR-82	1	32000	0.000006	0.000009
S-37	31-MAR-82	28-APR-82	1	33000	0.000016	0.000020
S-38	31-MAR-82	28-APR-82	1	30000	0.000006	0.000010
S-39	31-MAR-82	28-APR-82	1	30000	0.000006	0.000010
S-40	31-MAR-82	28-APR-82	1	35000	0.000004	0.000006
S-41	31-MAR-82	28-APR-82	1	32000	0.000008	0.000011
S-42	31-MAR-82	28-APR-82	1	32000	0.000005	0.000008

PLUTONIUM IN PERIMETER AMBIENT AIR - 1982

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31			01	82
S-32	0.000005	0.000002	01	82
S-33	0.000009	0.000003	01	82
S-34	0.000004	0.000002	01	82
S-35	0.000006	0.000002	01	82
S-36	0.000005	0.000002	01	82
S-37	0.000020	0.000004	01	82
S-38	0.000010	0.000003	01	82
S-39	0.000008	0.000003	01	82
S-40	0.000008	0.000002	01	82
S-41	0.000006	0.000002	01	82
S-42	0.000007	0.000002	01	82
S-43	0.000010	0.000004	01	82
S-44	0.000004	0.000001	01	82
S-31	0.000008	0.000003	02	82
S-32			02	82
S-33	0.000052	0.000010	02	82
S-34	0.000007	0.000003	02	82
S-35	0.000011	0.000003	02	82
S-36	0.000009	0.000003	02	82
S-37	0.000011	0.000003	02	82
S-38	0.000017	0.000004	02	82
S-39	0.000011	0.000003	02	82
S-40	0.000006	0.000002	02	82
S-41	0.000014	0.000005	02	82
S-42	0.000015	0.000005	02	82
S-43	0.000011	0.000002	02	82
S-44	0.000015	0.000003	02	82
S-31	0.000008	0.000002	03	82
S-32			03	82
S-33	0.000008	0.000002	03	82
S-34	0.000010	0.000003	03	82
S-35	0.000007	0.000002	03	82
S-36	0.000007	0.000001	03	82
S-37	0.000016	0.000004	03	82
S-38	0.000010	0.000003	03	82
S-39	0.000009	0.000003	03	82
S-40	0.000009	0.000002	03	82
S-41	0.000010	0.000003	03	82
S-42	0.000010	0.000003	03	82
S-43	0.000022	0.000006	03	82
S-44	0.000008	0.000003	03	82
S-31	0.000009	0.000003	04	82
S-32			04	82
S-33	0.000012	0.000003	04	82
S-34	0.000011	0.000002	04	82
S-35	0.000010	0.000003	04	82
S-36	0.000013	0.000004	04	82
S-37	0.000025	0.000004	04	82
S-38	0.000014	0.000004	04	82
S-39	0.000014	0.000004	04	82
S-40	0.000009	0.000003	04	82
S-41	0.000015	0.000003	04	82
S-42	0.000012	0.000004	04	82

PLUTONIUM IN PERIMETER AMBIENT AIR - 1982

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-43	31-MAR-82	28-APR-82	1	34000	0.000003	0.000007
S-44	31-MAR-82	28-APR-82	1	33000	0.000004	0.000006
S-31	28-APR-82	26-MAY-82	1	35000	0.000007	0.000010
S-32	28-APR-82	26-MAY-82	1	32000		0.000005
S-33	28-APR-82	26-MAY-82	1	31000	0.000005	0.000007
S-34	28-APR-82	26-MAY-82	1	35000	0.000004	0.000006
S-35	28-APR-82	26-MAY-82	1	33000	0.000001	0.000004
S-36	28-APR-82	26-MAY-82	1	32000	0.000003	0.000005
S-37	28-APR-82	26-MAY-82	1	33000	0.000005	0.000009
S-38	28-APR-82	26-MAY-82	1	32000	0.000003	0.000006
S-39	28-APR-82	26-MAY-82	1	31000	0.000007	0.000009
S-40	28-APR-82	26-MAY-82	1	36000	0.000003	0.000006
S-41	28-APR-82	26-MAY-82	1	33000	0.000003	0.000006
S-42	28-APR-82	26-MAY-82	1	32000	0.000004	0.000006
S-43	28-APR-82	26-MAY-82	1	25000	0.000002	0.000005
S-44	28-APR-82	26-MAY-82	1	32000	0.000003	0.000005
S-31	26-MAY-82	30-JUN-82	1	42000	0.000004	0.000005
S-32	26-MAY-82	30-JUN-82	1	39000	0.000002	0.000004
S-33	26-MAY-82	30-JUN-82	1	36000	0.000004	0.000006
S-34	26-MAY-82	30-JUN-82	1	43000	0.000004	0.000006
S-35	26-MAY-82	30-JUN-82	1	35000	0.000002	0.000005
S-36	26-MAY-82	30-JUN-82	1	41000	0.000003	0.000004
S-37	26-MAY-82	30-JUN-82	1	41000	0.000006	0.000008
S-38	26-MAY-82	30-JUN-82	1	37000	0.000002	0.000005
S-39	26-MAY-82	30-JUN-82	1	42000	0.000004	0.000007
S-40	26-MAY-82	30-JUN-82	1	40000	0.000002	0.000004
S-41	26-MAY-82	30-JUN-82	1	40000	0.000006	0.000009
S-42	26-MAY-82	30-JUN-82	1	32000	0.000005	0.000007
S-43	26-MAY-82	30-JUN-82	1	40000	0.000004	0.000006
S-44	26-MAY-82	30-JUN-82	1	38000	0.000002	0.000004
S-31	30-JUN-82	28-JUL-82	1	31000	0.000004	0.000006
S-32	30-JUN-82	28-JUL-82	1	20000	0.000001	0.000005
S-33	30-JUN-82	28-JUL-82	1	30000	0.000002	0.000005
S-34	30-JUN-82	28-JUL-82	1	31000	0.000003	0.000005
S-35	30-JUN-82	28-JUL-82	1	26000	0.000001	0.000003
S-36	30-JUN-82	28-JUL-82	1	30000	0.000003	0.000005
S-37	30-JUN-82	28-JUL-82	1	25000	0.000002	0.000007
S-38	30-JUN-82	28-JUL-82	1	29000	0.000000	0.000002
S-39	30-JUN-82	28-JUL-82	1	32000	0.000002	0.000003
S-40	30-JUN-82	28-JUL-82	1	31000	0.000001	0.000003
S-41	30-JUN-82	28-JUL-82	1	29000	0.000001	0.000002
S-42	30-JUN-82	28-JUL-82	1	24000	0.000001	0.000004
S-43	30-JUN-82	28-JUL-82	1	28000	0.000003	0.000004
S-44	30-JUN-82	28-JUL-82	1	29000	0.000002	0.000003
S-31	28-JUL-82	25-AUG-82	1	31000	0.000000	0.000001
S-32	28-JUL-82	25-AUG-82	1	26000	0.000000	0.000001
S-33	28-JUL-82	25-AUG-82	1	30000	0.000000	0.000001
S-34	28-JUL-82	25-AUG-82	1	31000	0.000000	0.000001
S-35	28-JUL-82	25-AUG-82	1	25000	0.000000	0.000001
S-36	28-JUL-82	25-AUG-82	1	30000	0.000001	0.000003
S-37	28-JUL-82	25-AUG-82	1	24000	0.000001	0.000003
S-38	28-JUL-82	25-AUG-82	1	28000	0.000000	0.000002
S-39	28-JUL-82	25-AUG-82	1	31000	0.000000	0.000001
S-40	28-JUL-82	25-AUG-82	1	31000	0.000003	0.000005

PLUTONIUM IN PERIMETER AMBIENT AIR - 1982

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-43	0.000010	0.000004	04	82
S-44	0.000009	0.000003	04	82
S-31	0.000014	0.000004	05	82
S-32			05	82
S-33	0.000010	0.000003	05	82
S-34	0.000008	0.000002	05	82
S-35	0.000006	0.000003	05	82
S-36	0.000008	0.000003	05	82
S-37	0.000012	0.000004	05	82
S-38	0.000009	0.000003	05	82
S-39	0.000013	0.000003	05	82
S-40	0.000008	0.000003	05	82
S-41	0.000009	0.000003	05	82
S-42	0.000009	0.000003	05	82
S-43	0.000009	0.000004	05	82
S-44	0.000008	0.000003	05	82
S-31	0.000007	0.000001	06	82
S-32	0.000007	0.000003	06	82
S-33	0.000008	0.000002	06	82
S-34	0.000008	0.000002	06	82
S-35	0.000007	0.000003	06	82
S-36	0.000006	0.000002	06	82
S-37	0.000010	0.000002	06	82
S-38	0.000008	0.000003	06	82
S-39	0.000009	0.000003	06	82
S-40	0.000006	0.000002	06	82
S-41	0.000013	0.000004	06	82
S-42	0.000009	0.000002	06	82
S-43	0.000008	0.000002	06	82
S-44	0.000007	0.000003	06	82
S-31	0.000008	0.000002	07	82
S-32	0.000009	0.000004	07	82
S-33	0.000008	0.000003	07	82
S-34	0.000007	0.000002	07	82
S-35	0.000006	0.000003	07	82
S-36	0.000007	0.000002	07	82
S-37	0.000013	0.000006	07	82
S-38	0.000004	0.000002	07	82
S-39	0.000005	0.000001	07	82
S-40	0.000004	0.000002	07	82
S-41	0.000003	0.000001	07	82
S-42	0.000007	0.000003	07	82
S-43	0.000006	0.000002	07	82
S-44	0.000005	0.000001	07	82
S-31	0.000003	0.000002	08	82
S-32	0.000003	0.000002	08	82
S-33	0.000003	0.000002	08	82
S-34	0.000002	0.000001	08	82
S-35	0.000003	0.000002	08	82
S-36	0.000005	0.000002	08	82
S-37	0.000006	0.000003	08	82
S-38	0.000003	0.000002	08	82
S-39	0.000002	0.000001	08	82
S-40	0.000007	0.000002	08	82

PLUTONIUM IN PERIMETER AMBIENT AIR - 1982

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-41	28-JUL-82	25-AUG-82	1	27000	0.000000	0.000001
S-42	28-JUL-82	25-AUG-82	1	23000	0.000000	0.000003
S-43	28-JUL-82	25-AUG-82	1	28000	0.000000	0.000001
S-44	28-JUL-82	25-AUG-82	1	28000	-0.000001	0.000000
S-31	01-SEP-82	29-SEP-82	1	41000	0.000001	0.000003
S-32	01-SEP-82	29-SEP-82	1	35000	0.000000	0.000001
S-33	01-SEP-82	29-SEP-82	1	40000	0.000002	0.000004
S-34	01-SEP-82	29-SEP-82	1	43000	0.000000	0.000001
S-35	01-SEP-82	29-SEP-82	1	35000	0.000000	0.000001
S-36	01-SEP-82	29-SEP-82	1	40000	0.000000	0.000001
S-37	01-SEP-82	29-SEP-82	1	35000	0.000000	0.000002
S-38	01-SEP-82	29-SEP-82	1	38000	0.000001	0.000002
S-39	01-SEP-82	29-SEP-82	1	42000	0.000001	0.000002
S-40	01-SEP-82	29-SEP-82	1	39000	0.000001	0.000002
S-41	01-SEP-82	29-SEP-82	1	38000	0.000001	0.000003
S-42	01-SEP-82	29-SEP-82	1	31000	0.000001	0.000002
S-43	01-SEP-82	29-SEP-82	1	37000	0.000000	0.000001
S-44	01-SEP-82	29-SEP-82	1	37000	0.000000	0.000001
S-31	29-SEP-82	27-OCT-82	1	33000	-0.000001	0.000003
S-32	29-SEP-82	27-OCT-82	1	28000	-0.000004	0.000001
S-33	29-SEP-82	27-OCT-82	1	32000	-0.000001	0.000003
S-34	29-SEP-82	27-OCT-82	1	33000	0.000000	0.000004
S-35	29-SEP-82	27-OCT-82	1	27000	-0.000002	0.000002
S-36	29-SEP-82	27-OCT-82	1	32000	-0.000003	0.000002
S-37	29-SEP-82	27-OCT-82	1	28000	0.000001	0.000004
S-38	29-SEP-82	27-OCT-82	1	32000	0.000000	0.000003
S-39	29-SEP-82	27-OCT-82	1	33000	-0.000003	0.000001
S-40	29-SEP-82	27-OCT-82	1	29000	-0.000001	0.000003
S-41	29-SEP-82	27-OCT-82	1	30000	-0.000001	0.000005
S-42	29-SEP-82	27-OCT-82	1	23000	0.000000	0.000005
S-43	29-SEP-82	27-OCT-82	1	29000	-0.000001	0.000003
S-44	29-SEP-82	27-OCT-82	1	29000	-0.000004	0.000001
S-31	27-OCT-82	24-NOV-82	1	33000	0.000001	0.000004
S-32	27-OCT-82	24-NOV-82	1	28000	-0.000002	0.000000
S-33	27-OCT-82	24-NOV-82	1	32000	-0.000002	0.000000
S-34	27-OCT-82	24-NOV-82	1	33000	-0.000001	0.000001
S-35	27-OCT-82	24-NOV-82	1	27000	-0.000001	0.000002
S-36	27-OCT-82	24-NOV-82	1	31000	-0.000003	0.000002
S-37	27-OCT-82	24-NOV-82	1	27000	0.000000	0.000005
S-38	27-OCT-82	24-NOV-82	1	29000	0.000000	0.000004
S-39	27-OCT-82	24-NOV-82	1	33000	-0.000001	0.000002
S-40	27-OCT-82	24-NOV-82	1	29000	-0.000002	0.000001
S-41	27-OCT-82	24-NOV-82	1	29000	-0.000002	0.000001
S-42	27-OCT-82	24-NOV-82	1	22000	-0.000002	0.000002
S-43	27-OCT-82	24-NOV-82	1	28000	-0.000004	0.000000
S-44	27-OCT-82	24-NOV-82	1	29000	0.000000	0.000005
S-31	24-NOV-82	22-DEC-82	1	27000	-0.000002	0.000001
S-32	24-NOV-82	22-DEC-82	1	27000	-0.000003	0.000001
S-33	24-NOV-82	22-DEC-82	1	30000	-0.000003	0.000001
S-34	24-NOV-82	22-DEC-82	1	32000	-0.000003	0.000000
S-35	24-NOV-82	22-DEC-82	1	26000	-0.000001	0.000002
S-36	24-NOV-82	22-DEC-82	1	27000	-0.000003	0.000000
S-37	24-NOV-82	22-DEC-82	1	25000	-0.000002	0.000002
S-38	24-NOV-82	22-DEC-82	1	31000	-0.000001	0.000002

PLUTONIUM IN PERIMETER AMBIENT AIR - 1982

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-41	0.000002	0.000001	08	82
S-42	0.000006	0.000003	08	82
S-43	0.000002	0.000001	08	82
S-44	0.000002	0.000002	08	82
S-31	0.000004	0.000002	09	82
S-32	0.000002	0.000001	09	82
S-33	0.000005	0.000001	09	82
S-34	0.000003	0.000002	09	82
S-35	0.000002	0.000001	09	82
S-36	0.000002	0.000001	09	82
S-37	0.000004	0.000002	09	82
S-38	0.000004	0.000002	09	82
S-39	0.000003	0.000001	09	82
S-40	0.000004	0.000002	09	82
S-41	0.000004	0.000002	09	82
S-42	0.000004	0.000002	09	82
S-43	0.000002	0.000001	09	82
S-44	0.000002	0.000001	09	82
S-31	0.000006	0.000004	10	82
S-32	0.000006	0.000005	10	82
S-33	0.000007	0.000004	10	82
S-34	0.000009	0.000005	10	82
S-35	0.000006	0.000004	10	82
S-36	0.000006	0.000005	10	82
S-37	0.000007	0.000003	10	82
S-38	0.000007	0.000004	10	82
S-39	0.000005	0.000004	10	82
S-40	0.000007	0.000004	10	82
S-41	0.000010	0.000006	10	82
S-42	0.000010	0.000005	10	82
S-43	0.000007	0.000004	10	82
S-44	0.000005	0.000005	10	82
S-31	0.000006	0.000003	11	82
S-32	0.000003	0.000003	11	82
S-33	0.000003	0.000003	11	82
S-34	0.000004	0.000003	11	82
S-35	0.000006	0.000004	11	82
S-36	0.000007	0.000005	11	82
S-37	0.000011	0.000006	11	82
S-38	0.000008	0.000004	11	82
S-39	0.000005	0.000003	11	82
S-40	0.000004	0.000003	11	82
S-41	0.000004	0.000003	11	82
S-42	0.000006	0.000004	11	82
S-43	0.000004	0.000004	11	82
S-44	0.000009	0.000005	11	82
S-31	0.000005	0.000004	12	82
S-32	0.000005	0.000004	12	82
S-33	0.000005	0.000004	12	82
S-34	0.000003	0.000003	12	82
S-35	0.000006	0.000004	12	82
S-36	0.000003	0.000003	12	82
S-37	0.000006	0.000004	12	82
S-38	0.000004	0.000003	12	82

PLUTONIUM IN PERIMETER AMBIENT AIR - 1982

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT CONC. (pCi/m ³)	EST. (pCi/m ³)
S-39	24-NOV-82	22-DEC-82	1	31000	-0.000003	0.000001	
S-40	24-NOV-82	22-DEC-82	1	29000	-0.000005	-0.000002	
S-41	24-NOV-82	22-DEC-82	1	28000	-0.000003	0.000000	
S-42	24-NOV-82	22-DEC-82	1	22000	-0.000001	0.000003	
S-43	24-NOV-82	22-DEC-82	1	28000	-0.000002	0.000001	
S-44	24-NOV-82	22-DEC-82	1	28000	-0.000002	0.000001	

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.000005	0.000004	12	82
S-40	0.000001	0.000003	12	82
S-41	0.000003	0.000003	12	82
S-42	0.000007	0.000004	12	82
S-43	0.000004	0.000003	12	82
S-44	0.000003	0.000003	12	82

PLUTONIUM IN PERIMETER AMBIENT AIR - 1983

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC. (pCi/m ³)
S-31	22-DEC-82	26-JAN-83	1	36000	-0.000003	-0.000001
S-32	22-DEC-82	26-JAN-83	1	33000	-0.000003	-0.000001
S-33	22-DEC-82	26-JAN-83	1	40000	-0.000001	0.000001
S-34	22-DEC-82	26-JAN-83	1	40000	-0.000001	0.000002
S-35	22-DEC-82	26-JAN-83	1	35000	-0.000004	-0.000001
S-36	22-DEC-82	26-JAN-83	1	36000	-0.000003	0.000000
S-37	22-DEC-82	26-JAN-83	1	36000	0.000001	0.000003
S-38	22-DEC-82	26-JAN-83	1	40000	0.000000	0.000002
S-39	22-DEC-82	26-JAN-83	1	40000	-0.000001	0.000001
S-40	22-DEC-82	26-JAN-83	1	38000	-0.000003	-0.000001
S-41	22-DEC-82	26-JAN-83	1	36000	-0.000006	-0.000003
S-42	22-DEC-82	26-JAN-83	1	30000	-0.000002	0.000001
S-43	22-DEC-82	26-JAN-83	1	37000	0.000000	0.000003
S-44	22-DEC-82	26-JAN-83	1	36000	-0.000001	0.000002
S-31	26-JAN-83	23-FEB-83	1	29000	-0.000002	0.000000
S-32	26-JAN-83	23-FEB-83	1	28000	-0.000002	0.000001
S-33	26-JAN-83	23-FEB-83	1	33000	-0.000002	0.000001
S-34	26-JAN-83	23-FEB-83	1	33000	-0.000001	0.000002
S-35	26-JAN-83	23-FEB-83	1	28000	-0.000003	0.000000
S-36	26-JAN-83	23-FEB-83	1	28000	-0.000002	0.000001
S-37	26-JAN-83	23-FEB-83	1	27000	0.000001	0.000004
S-38	26-JAN-83	23-FEB-83	1	31000	-0.000002	0.000001
S-39	26-JAN-83	23-FEB-83	1	33000	0.000000	0.000002
S-40	26-JAN-83	23-FEB-83	1	30000	-0.000003	0.000000
S-41	26-JAN-83	23-FEB-83	1	29000	0.000008	0.000012
S-42	26-JAN-83	23-FEB-83	1	23000	0.000001	0.000005
S-43	26-JAN-83	23-FEB-83	1	29000	-0.000001	0.000002
S-44	26-JAN-83	23-FEB-83	1	29000	-0.000002	0.000002
S-31	23-FEB-83	30-MAR-83	1	36000	-0.000003	0.000004
S-32	23-FEB-83	30-MAR-83	1	35000	-0.000001	0.000002
S-33	23-FEB-83	30-MAR-83	1	38000	-0.000001	0.000001
S-34	23-FEB-83	30-MAR-83	1	36000	-0.000001	0.000002
S-35	23-FEB-83	30-MAR-83	1	34000	0.000000	0.000002
S-36	23-FEB-83	30-MAR-83	1	34000	-0.000002	0.000001
S-37	23-FEB-83	30-MAR-83	1	35000	-0.000003	0.000001
S-38	23-FEB-83	30-MAR-83	1	35000	0.000000	0.000002
S-39	23-FEB-83	30-MAR-83	1	37000	-0.000001	0.000001
S-40	23-FEB-83	30-MAR-83	1	37000	0.000001	0.000002
S-41	23-FEB-83	30-MAR-83	1	37000	0.000001	0.000002
S-42	23-FEB-83	30-MAR-83	1	33000	-0.000003	0.000002
S-43	23-FEB-83	30-MAR-83	1	20000	0.000000	0.000002
S-44	23-FEB-83	30-MAR-83	1	35000	-0.000001	0.000001
S-31	30-MAR-83	27-APR-83	1	30000	0.000001	0.000003
S-32	30-MAR-83	27-APR-83	1	30000	0.000001	0.000003
S-33	30-MAR-83	27-APR-83	1	32000	0.000000	0.000001
S-34	30-MAR-83	27-APR-83	1	30000	0.000000	0.000002
S-35	30-MAR-83	27-APR-83	1	28000	-0.000001	0.000002
S-36	30-MAR-83	27-APR-83	1	29000	-0.000001	0.000001
S-37	30-MAR-83	27-APR-83	1	31000	0.000002	0.000005
S-38	30-MAR-83	27-APR-83	1	31000	-0.000001	0.000001
S-39	30-MAR-83	27-APR-83	1	32000	0.000002	0.000004
S-40	30-MAR-83	27-APR-83	1	31000	0.000002	0.000004
S-41	30-MAR-83	27-APR-83	1	31000	0.000000	0.000002
S-42	30-MAR-83	27-APR-83	1	29000	-0.000001	0.000001

PLUTONIUM IN PERIMETER AMBIENT AIR - 1983

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31	0.000002	0.000003	01	83
S-32	0.000002	0.000003	01	83
S-33	0.000004	0.000003	01	83
S-34	0.000005	0.000003	01	83
S-35	0.000001	0.000003	01	83
S-36	0.000003	0.000003	01	83
S-37	0.000005	0.000002	01	83
S-38	0.000004	0.000002	01	83
S-39	0.000003	0.000002	01	83
S-40	0.000001	0.000002	01	83
S-41	0.000000	0.000003	01	83
S-42	0.000003	0.000003	01	83
S-43	0.000007	0.000004	01	83
S-44	0.000005	0.000003	01	83
S-31	0.000003	0.000003	02	83
S-32	0.000004	0.000003	02	83
S-33	0.000004	0.000003	02	83
S-34	0.000004	0.000003	02	83
S-35	0.000002	0.000003	02	83
S-36	0.000004	0.000003	02	83
S-37	0.000008	0.000004	02	83
S-38	0.000004	0.000003	02	83
S-39	0.000005	0.000003	02	83
S-40	0.000003	0.000003	02	83
S-41	0.000017	0.000004	02	83
S-42	0.000010	0.000005	02	83
S-43	0.000005	0.000003	02	83
S-44	0.000006	0.000004	02	83
S-31	0.000011	0.000007	03	83
S-32	0.000005	0.000003	03	83
S-33	0.000002	0.000002	03	83
S-34	0.000005	0.000003	03	83
S-35	0.000004	0.000002	03	83
S-36	0.000005	0.000004	03	83
S-37	0.000005	0.000004	03	83
S-38	0.000004	0.000002	03	83
S-39	0.000002	0.000002	03	83
S-40	0.000004	0.000002	03	83
S-41	0.000004	0.000002	03	83
S-42	0.000007	0.000005	03	83
S-43	0.000006	0.000003	03	83
S-44	0.000002	0.000002	03	83
S-31	0.000005	0.000002	04	83
S-32	0.000006	0.000003	04	83
S-33	0.000003	0.000002	04	83
S-34	0.000004	0.000002	04	83
S-35	0.000005	0.000003	04	83
S-36	0.000004	0.000003	04	83
S-37	0.000008	0.000003	04	83
S-38	0.000003	0.000002	04	83
S-39	0.000007	0.000003	04	83
S-40	0.000007	0.000003	04	83
S-41	0.000005	0.000003	04	83
S-42	0.000004	0.000003	04	83

PLUTONIUM IN PERIMETER AMBIENT AIR - 1983

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT CONC (pCi/m ³)	EST CONC (pCi/m ³)
S-43	30-MAR-83	27-APR-83	1	30000	0.000001	0.000004	
S-44	30-MAR-83	27-APR-83	1	30000	0.000001	0.000004	
S-31	27-APR-83	02-JUN-83	1	39000	0.000002	0.000004	
S-32	27-APR-83	02-JUN-83	1	40000	0.000000	0.000001	
S-33	27-APR-83	02-JUN-83	1	40000	-0.000001	0.000000	
S-34	27-APR-83	02-JUN-83	1	38000	0.000001	0.000003	
S-35	27-APR-83	02-JUN-83	1	36000	0.000000	0.000001	
S-36	27-APR-83	02-JUN-83	1	37000	0.000000	0.000003	
S-37	27-APR-83	02-JUN-83	1	39000	0.000003	0.000006	
S-38	27-APR-83	02-JUN-83	1	37000	0.000003	0.000006	
S-39	27-APR-83	02-JUN-83	1	31000	0.000001	0.000003	
S-40	27-APR-83	02-JUN-83	1	37000	-0.000001	0.000001	
S-41	27-APR-83	02-JUN-83	1	38000	0.000001	0.000002	
S-42	27-APR-83	02-JUN-83	1	36000	-0.000001	0.000001	
S-43	27-APR-83	02-JUN-83	1	18000	0.000001	0.000005	
S-44	27-APR-83	02-JUN-83	1	37000	-0.000001	0.000001	
S-31	02-JUN-83	29-JUN-83	1	29000	0.000004	0.000007	
S-32	02-JUN-83	29-JUN-83	1	28000	0.000003	0.000006	
S-33	02-JUN-83	29-JUN-83	1	30000	0.000005	0.000008	
S-34	02-JUN-83	29-JUN-83	1	29000	0.000005	0.000009	
S-35	02-JUN-83	29-JUN-83	1	27000	0.000001	0.000004	
S-36	02-JUN-83	29-JUN-83	1	30000	0.000011	0.000016	
S-37	02-JUN-83	29-JUN-83	1	28000	0.000004	0.000007	
S-38	02-JUN-83	29-JUN-83	1	27000	0.000012	0.000019	
S-39	02-JUN-83	29-JUN-83	1	29000	0.000003	0.000007	
S-40	02-JUN-83	29-JUN-83	1	29000	0.000006	0.000010	
S-41	02-JUN-83	29-JUN-83	1	28000	0.000004	0.000008	
S-42	02-JUN-83	29-JUN-83	1	28000	0.000008	0.000013	
S-43	02-JUN-83	29-JUN-83	1	17000	0.000009	0.000015	
S-44	02-JUN-83	29-JUN-83	1	28000	0.000013	0.000019	
S-31	29-JUN-83	27-JUL-83	1	30000	0.000002	0.000004	
S-32	29-JUN-83	27-JUL-83	1	29000	0.000001	0.000003	
S-33	29-JUN-83	27-JUL-83	1	31000	0.000001	0.000003	
S-34	29-JUN-83	27-JUL-83	1	30000	0.000002	0.000004	
S-35	29-JUN-83	27-JUL-83	1	28000	0.000003	0.000005	
S-36	29-JUN-83	27-JUL-83	1	30000	0.000005	0.000007	
S-37	29-JUN-83	27-JUL-83	1	28000	0.000003	0.000008	
S-38	29-JUN-83	27-JUL-83	1	28000	0.000006	0.000008	
S-39	29-JUN-83	27-JUL-83	1	31000	0.000002	0.000005	
S-40	29-JUN-83	27-JUL-83	1	29000	0.000005	0.000008	
S-41	29-JUN-83	27-JUL-83	1	26000	0.000004	0.000007	
S-42	29-JUN-83	27-JUL-83	1	29000	0.000002	0.000004	
S-43	29-JUN-83	27-JUL-83	1	20000	0.000003	0.000006	
S-44	29-JUN-83	27-JUL-83	1	29000	0.000003	0.000005	
S-31	27-JUL-83	23-AUG-83	1	28000	-0.000001	0.000001	
S-32	27-JUL-83	23-AUG-83	1	27000	0.000002	0.000005	
S-33	27-JUL-83	23-AUG-83	1	30000	0.000001	0.000003	
S-34	27-JUL-83	23-AUG-83	1	29000	0.000003	0.000007	
S-35	27-JUL-83	23-AUG-83	1	27000	0.000002	0.000004	
S-36	27-JUL-83	23-AUG-83	1	30000	0.000006	0.000010	
S-37	27-JUL-83	23-AUG-83	1	28000	-0.000003	-0.000001	
S-38	27-JUL-83	23-AUG-83	1	24000	0.000000	0.000002	
S-39	27-JUL-83	23-AUG-83	1	30000	0.000003	0.000006	
S-40	27-JUL-83	23-AUG-83	1	28000	-0.000001	0.000004	

PLUTONIUM IN PERIMETER AMBIENT AIR - 1983

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43	0.000006	0.000003	04	83
S-44	0.000006	0.000003	04	83
S-31	0.000007	0.000003	05	83
S-32	0.000003	0.000002	05	83
S-33	0.000001	0.000001	05	83
S-34	0.000006	0.000003	05	83
S-35	0.000002	0.000001	05	83
S-36	0.000005	0.000003	05	83
S-37	0.000010	0.000004	05	83
S-38	0.000010	0.000004	05	83
S-39	0.000005	0.000002	05	83
S-40	0.000002	0.000002	05	83
S-41	0.000004	0.000002	05	83
S-42	0.000003	0.000002	05	83
S-43	0.000010	0.000005	05	83
S-44	0.000002	0.000002	05	83
S-31	0.000010	0.000003	06	83
S-32	0.000009	0.000003	06	83
S-33	0.000012	0.000004	06	83
S-34	0.000012	0.000004	06	83
S-35	0.000007	0.000003	06	83
S-36	0.000021	0.000005	06	83
S-37	0.000011	0.000003	06	83
S-38	0.000025	0.000006	06	83
S-39	0.000011	0.000004	06	83
S-40	0.000014	0.000004	06	83
S-41	0.000012	0.000004	06	83
S-42	0.000017	0.000004	06	83
S-43	0.000023	0.000007	06	83
S-44	0.000025	0.000006	06	83
S-31	0.000007	0.000003	07	83
S-32	0.000005	0.000002	07	83
S-33	0.000005	0.000002	07	83
S-34	0.000006	0.000002	07	83
S-35	0.000008	0.000003	07	83
S-36	0.000009	0.000002	07	83
S-37	0.000013	0.000005	07	83
S-38	0.000011	0.000002	07	83
S-39	0.000008	0.000003	07	83
S-40	0.000011	0.000003	07	83
S-41	0.000009	0.000003	07	83
S-42	0.000007	0.000003	07	83
S-43	0.000009	0.000003	07	83
S-44	0.000008	0.000003	07	83
S-31	0.000003	0.000002	08	83
S-32	0.000008	0.000003	08	83
S-33	0.000006	0.000003	08	83
S-34	0.000011	0.000004	08	83
S-35	0.000007	0.000003	08	83
S-36	0.000014	0.000004	08	83
S-37	0.000000	0.000002	08	83
S-38	0.000005	0.000003	08	83
S-39	0.000010	0.000004	08	83
S-40	0.000010	0.000006	08	83

PLUTONIUM IN PERIMETER AMBIENT AIR - 1983

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-41	27-JUL-83	23-AUG-83	1	26000	0.000004	0.000011
S-42	27-JUL-83	23-AUG-83	1	28000	0.000002	0.000005
S-43	27-JUL-83	23-AUG-83	1	18000	-0.000003	0.000000
S-44	27-JUL-83	23-AUG-83	1	28000	-0.000002	-0.000001
S-31	23-AUG-83	21-SEP-83	1	32000	-0.000002	0.000001
S-32	23-AUG-83	21-SEP-83	1	29000	0.000002	0.000006
S-33	23-AUG-83	21-SEP-83	1	32000	0.000001	0.000003
S-34	23-AUG-83	21-SEP-83	1	31000	0.000001	0.000004
S-35	23-AUG-83	21-SEP-83	1	29000	0.000000	0.000003
S-36	23-AUG-83	21-SEP-83	1	30000	0.000002	0.000005
S-37	23-AUG-83	21-SEP-83	1	28000	0.000002	0.000005
S-38	23-AUG-83	21-SEP-83	1	28000	0.000002	0.000008
S-39	23-AUG-83	21-SEP-83	1	31000	-0.000001	0.000002
S-40	23-AUG-83	21-SEP-83	1	29000	0.000001	0.000003
S-41	23-AUG-83	21-SEP-83	1	26000	-0.000001	0.000001
S-42	23-AUG-83	21-SEP-83	1	29000	-0.000001	0.000003
S-43	23-AUG-83	21-SEP-83	1	29000	0.000002	0.000006
S-44	23-AUG-83	21-SEP-83	1	29000	0.000001	0.000004
S-31	21-SEP-83	02-NOV-83	1	50000	0.000000	0.000001
S-32	21-SEP-83	02-NOV-83	1	22000	0.000000	0.000002
S-33	21-SEP-83	02-NOV-83	1	47000	-0.000001	0.000001
S-34	21-SEP-83	02-NOV-83	1	47000	0.000002	0.000004
S-35	21-SEP-83	02-NOV-83	1	41000	0.000001	0.000003
S-36	21-SEP-83	02-NOV-83	1	49000	0.000000	0.000002
S-37	21-SEP-83	02-NOV-83	1	45000	0.000004	0.000006
S-38	21-SEP-83	02-NOV-83	1	45000	0.000002	0.000005
S-39	21-SEP-83	02-NOV-83	1	48000	0.000001	0.000003
S-40	21-SEP-83	02-NOV-83	1	46000	0.000002	0.000004
S-41	21-SEP-83	02-NOV-83	1	41000	-0.000001	0.000001
S-42	21-SEP-83	02-NOV-83	1	44000	0.000001	0.000004
S-43	21-SEP-83	02-NOV-83	1	45000	0.000001	0.000003
S-44	21-SEP-83	02-NOV-83	1	45000	0.000000	0.000001
S-31	02-NOV-83	30-NOV-83	1	34000	0.000000	0.000001
S-32	02-NOV-83	30-NOV-83	1	28000	0.000000	0.000002
S-33	02-NOV-83	30-NOV-83	1	32000	0.000003	0.000006
S-34	02-NOV-83	30-NOV-83	1	32000	0.000000	0.000002
S-35	02-NOV-83	30-NOV-83	1	29000	0.000000	0.000002
S-36	02-NOV-83	30-NOV-83	1	32000	0.000001	0.000003
S-37	02-NOV-83	30-NOV-83	1	30000	0.000003	0.000006
S-38	02-NOV-83	30-NOV-83	1	32000	0.000002	0.000003
S-39	02-NOV-83	30-NOV-83	1	31000	-0.000001	0.000000
S-40	02-NOV-83	30-NOV-83	1	30000	0.000002	0.000003
S-41	02-NOV-83	30-NOV-83	1	30000	0.000005	0.000006
S-42	02-NOV-83	30-NOV-83	1	29000	0.000000	0.000002
S-43	02-NOV-83	30-NOV-83	1	17000	0.000006	0.000007
S-44	02-NOV-83	30-NOV-83	1	30000	0.000003	0.000005
S-31	30-NOV-83	22-DEC-83	1	26000	0.000000	0.000002
S-32	30-NOV-83	22-DEC-83	1	22000	-0.000002	-0.000001
S-33	30-NOV-83	22-DEC-83	1	24000	-0.000002	0.000000
S-34	30-NOV-83	22-DEC-83	1	24000	0.000003	0.000006
S-35	30-NOV-83	22-DEC-83	1	22000	-0.000003	0.000002
S-36	30-NOV-83	22-DEC-83	1	24000	-0.000001	0.000001
S-37	30-NOV-83	22-DEC-83	1	22000	0.000001	0.000004
S-38	30-NOV-83	22-DEC-83	1	23000	-0.000002	0.000000

PLUTONIUM IN PERIMETER AMBIENT AIR - 1983

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.000017	0.000006	08	83
S-42	0.000009	0.000004	08	83
S-43	0.000003	0.000003	08	83
S-44	0.000000	0.000001	08	83
S-31	0.000004	0.000003	09	83
S-32	0.000011	0.000005	09	83
S-33	0.000006	0.000003	09	83
S-34	0.000008	0.000004	09	83
S-35	0.000006	0.000003	09	83
S-36	0.000007	0.000003	09	83
S-37	0.000008	0.000003	09	83
S-38	0.000014	0.000006	09	83
S-39	0.000005	0.000003	09	83
S-40	0.000005	0.000002	09	83
S-41	0.000003	0.000002	09	83
S-42	0.000007	0.000004	09	83
S-43	0.000010	0.000004	09	83
S-44	0.000006	0.000003	09	83
S-31	0.000002	0.000001	10	83
S-32	0.000005	0.000003	10	83
S-33	0.000002	0.000002	10	83
S-34	0.000005	0.000001	10	83
S-35	0.000005	0.000002	10	83
S-36	0.000003	0.000002	10	83
S-37	0.000009	0.000003	10	83
S-38	0.000007	0.000003	10	83
S-39	0.000006	0.000003	10	83
S-40	0.000006	0.000002	10	83
S-41	0.000002	0.000002	10	83
S-42	0.000006	0.000003	10	83
S-43	0.000005	0.000002	10	83
S-44	0.000003	0.000002	10	83
S-31	0.000003	0.000002	11	83
S-32	0.000003	0.000002	11	83
S-33	0.000008	0.000003	11	83
S-34	0.000004	0.000002	11	83
S-35	0.000005	0.000003	11	83
S-36	0.000005	0.000002	11	83
S-37	0.000009	0.000003	11	83
S-38	0.000004	0.000001	11	83
S-39	0.000001	0.000001	11	83
S-40	0.000004	0.000001	11	83
S-41	0.000007	0.000001	11	83
S-42	0.000004	0.000002	11	83
S-43	0.000008	0.000001	11	83
S-44	0.000007	0.000002	11	83
S-31	0.000004	0.000002	12	83
S-32	0.000001	0.000002	12	83
S-33	0.000002	0.000002	12	83
S-34	0.000009	0.000003	12	83
S-35	0.000007	0.000005	12	83
S-36	0.000004	0.000003	12	83
S-37	0.000007	0.000003	12	83
S-38	0.000001	0.000002	12	83

PLUTONIUM IN PERIMETER AMBIENT AIR - 1983

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC (pCi/m ³)
S-39	30-NOV-83	22-DEC-83	1	23000	0.000000	0.000003
S-40	30-NOV-83	22-DEC-83	1	23000	-0.000004	-0.000002
S-41	30-NOV-83	22-DEC-83	1	20000	-0.000001	0.000001
S-42	30-NOV-83	22-DEC-83	1	22000	-0.000001	0.000002
S-43	30-NOV-83	22-DEC-83	1	13000	-0.000005	-0.000001
S-44	30-NOV-83	22-DEC-83	1	23000	0.000003	0.000006

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.000006	0.000003	12	83
S-40	0.000000	0.000002	12	83
S-41	0.000003	0.000002	12	83
S-42	0.000004	0.000003	12	83
S-43	0.000002	0.000004	12	83
S-44	0.000010	0.000004	12	83

PLUTONIUM IN PERIMETER AMBIENT AIR - 1984

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-31	20-DEC-83	01-FEB-84	1	54000	0.000000	0.000001
S-32	20-DEC-83	01-FEB-84	1	48000	0.000000	0.000001
S-33	20-DEC-83	01-FEB-84	1	49000	-0.000002	-0.000001
S-34	20-DEC-83	01-FEB-84	1	57000	0.000001	0.000002
S-35	20-DEC-83	01-FEB-84	1	43000	-0.000005	-0.000003
S-36	20-DEC-83	01-FEB-84	1	49000	0.000001	0.000003
S-37	20-DEC-83	01-FEB-84	1	52000	-0.000002	-0.000001
S-38	20-DEC-83	01-FEB-84	1	49000	0.000000	0.000002
S-39	20-DEC-83	01-FEB-84	1	27000	0.000005	0.000008
S-40	20-DEC-83	01-FEB-84	1	49000	0.000000	0.000001
S-41	20-DEC-83	01-FEB-84	1	47000	-0.000001	0.000001
S-42	20-DEC-83	01-FEB-84	1	47000	-0.000002	0.000001
S-43	20-DEC-83	01-FEB-84	1	40000	0.000001	0.000002
S-44	20-DEC-83	01-FEB-84	1	48000	0.000000	0.000001
S-31	01-FEB-84	29-FEB-84	1	32000	0.000000	0.000002
S-32	01-FEB-84	29-FEB-84	1	30000	0.000003	0.000004
S-33	01-FEB-84	29-FEB-84	1	31000	0.000007	0.000011
S-34	01-FEB-84	29-FEB-84	1	36000	0.000003	0.000005
S-35	01-FEB-84	29-FEB-84	1	23000	0.000005	0.000011
S-36	01-FEB-84	29-FEB-84	0			
S-37	01-FEB-84	29-FEB-84	1	33000	0.000009	0.000011
S-38	01-FEB-84	29-FEB-84	1	31000	0.000010	0.000012
S-39	01-FEB-84	29-FEB-84	1	25000	0.000009	0.000012
S-40	01-FEB-84	29-FEB-84	1	31000	0.000006	0.000008
S-41	01-FEB-84	29-FEB-84	1	29000	0.000000	0.000002
S-42	01-FEB-84	29-FEB-84	1	28000	0.000004	0.000006
S-43	01-FEB-84	29-FEB-84	1	31000	0.000003	0.000005
S-44	01-FEB-84	29-FEB-84	1	30000	0.000004	0.000007
S-31	28-FEB-84	28-MAR-84	1	33000	-0.000004	0.000001
S-32	28-FEB-84	28-MAR-84	1	31000	0.000000	0.000002
S-33	28-FEB-84	28-MAR-84	1	32000	0.000005	0.000010
S-34	28-FEB-84	28-MAR-84	1	36000	0.000000	0.000002
S-35	28-FEB-84	28-MAR-84	1	23000	0.000000	0.000003
S-36	28-FEB-84	28-MAR-84	1	31000	0.000000	0.000002
S-37	28-FEB-84	28-MAR-84	1	33000	0.000005	0.000008
S-38	28-FEB-84	28-MAR-84	1	31000	0.000001	0.000003
S-39	28-FEB-84	28-MAR-84	1	28000	0.000001	0.000003
S-40	28-FEB-84	28-MAR-84	1	32000	0.000001	0.000004
S-41	28-FEB-84	28-MAR-84	1	30000	0.000000	0.000002
S-42	28-FEB-84	28-MAR-84	1	29000	0.000000	0.000002
S-43	28-FEB-84	28-MAR-84	1	32000	0.000000	0.000002
S-44	28-FEB-84	28-MAR-84	1	31000	0.000004	0.000007
S-31	28-MAR-84	25-APR-84	1	33000	0.000003	0.000006
S-32	28-MAR-84	25-APR-84	1	31000	0.000001	0.000004
S-33	28-MAR-84	25-APR-84	1	32000	0.000002	0.000005
S-34	28-MAR-84	25-APR-84	1	36000	0.000000	0.000003
S-35	28-MAR-84	25-APR-84	1	31000	0.000002	0.000005
S-36	28-MAR-84	25-APR-84	1	31000	0.000002	0.000005
S-37	28-MAR-84	25-APR-84	1	33000	0.000004	0.000007
S-38	28-MAR-84	25-APR-84	1	31000	0.000001	0.000003
S-39	28-MAR-84	25-APR-84	1	32000	0.000005	0.000011
S-40	28-MAR-84	25-APR-84	1	33000	0.000001	0.000004
S-41	28-MAR-84	25-APR-84	1	30000	0.000002	0.000005
S-42	28-MAR-84	25-APR-84	1	29000	0.000005	0.000009

PLUTONIUM IN PERIMETER AMBIENT AIR - 1984

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-31	0.000002	0.000001	01	84
S-32	0.000002	0.000001	01	84
S-33	0.000000	0.000001	01	84
S-34	0.000003	0.000001	01	84
S-35	0.000000	0.000003	01	84
S-36	0.000005	0.000002	01	84
S-37	0.000000	0.000001	01	84
S-38	0.000004	0.000002	01	84
S-39	0.000011	0.000003	01	84
S-40	0.000002	0.000001	01	84
S-41	0.000002	0.000002	01	84
S-42	0.000004	0.000003	01	84
S-43	0.000003	0.000001	01	84
S-44	0.000002	0.000001	01	84
S-31	0.000004	0.000002	02	84
S-32	0.000005	0.000001	02	84
S-33	0.000015	0.000004	02	84
S-34	0.000007	0.000002	02	84
S-35	0.000017	0.000006	02	84
S-36			02	84
S-37	0.000013	0.000002	02	84
S-38	0.000014	0.000002	02	84
S-39	0.000015	0.000003	02	84
S-40	0.000010	0.000002	02	84
S-41	0.000004	0.000002	02	84
S-42	0.000008	0.000002	02	84
S-43	0.000007	0.000002	02	84
S-44	0.000010	0.000003	02	84
S-31	0.000006	0.000005	03	84
S-32	0.000004	0.000002	03	84
S-33	0.000015	0.000005	03	84
S-34	0.000004	0.000002	03	84
S-35	0.000004	0.000002	03	84
S-36	0.000004	0.000002	03	84
S-37	0.000011	0.000003	03	84
S-38	0.000005	0.000002	03	84
S-39	0.000005	0.000002	03	84
S-40	0.000007	0.000003	03	84
S-41	0.000004	0.000002	03	84
S-42	0.000004	0.000002	03	84
S-43	0.000004	0.000002	03	84
S-44	0.000010	0.000003	03	84
S-31	0.000009	0.000003	04	84
S-32	0.000007	0.000003	04	84
S-33	0.000008	0.000003	04	84
S-34	0.000006	0.000003	04	84
S-35	0.000008	0.000003	04	84
S-36	0.000008	0.000003	04	84
S-37	0.000010	0.000003	04	84
S-38	0.000005	0.000002	04	84
S-39	0.000017	0.000006	04	84
S-40	0.000007	0.000003	04	84
S-41	0.000007	0.000003	04	84
S-42	0.000013	0.000004	04	84

PLUTONIUM IN PERIMETER AMBIENT AIR - 1984

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT CONC. (pCi/m ³)	EST. (pCi/m ³)
S-43	28-MAR-84	25-APR-84	1	31000	0.000002		0.000004
S-44	28-MAR-84	25-APR-84	1	30000	0.000002		0.000005
S-31	24-APR-84	22-MAY-84	1	32000	0.000004		0.000007
S-32	24-APR-84	22-MAY-84	1	30000	0.000003		0.000006
S-33	24-APR-84	22-MAY-84	1	31000	0.000002		0.000006
S-34	24-APR-84	22-MAY-84	1	35000	0.000000		0.000003
S-35	24-APR-84	22-MAY-84	1	28000	0.000002		0.000005
S-36	24-APR-84	22-MAY-84	1	30000	0.000007		0.000012
S-37	24-APR-84	22-MAY-84	1	30000	0.000007		0.000012
S-38	24-APR-84	22-MAY-84	1	30000	0.000003		0.000007
S-39	24-APR-84	22-MAY-84	1	29000	0.000006		0.000011
S-40	24-APR-84	22-MAY-84	1	32000	0.000004		0.000007
S-41	24-APR-84	22-MAY-84	1	30000	0.000004		0.000008
S-42	24-APR-84	22-MAY-84	1	28000	0.000004		0.000008
S-43	24-APR-84	22-MAY-84	1	31000	0.000003		0.000006
S-44	24-APR-84	22-MAY-84	1	30000	0.000002		0.000006
S-31	23-MAY-84	20-JUN-84	1	31000	0.000000		0.000003
S-32	23-MAY-84	20-JUN-84	1	29000	0.000002		0.000006
S-33	23-MAY-84	20-JUN-84	1	30000	0.000001		0.000004
S-34	23-MAY-84	20-JUN-84	1	34000	0.000004		0.000007
S-35	23-MAY-84	20-JUN-84	1	28000	0.000000		0.000004
S-36	23-MAY-84	20-JUN-84	1	30000	0.000002		0.000005
S-37	23-MAY-84	20-JUN-84	1	22000	0.000009		0.000015
S-38	23-MAY-84	20-JUN-84	1	30000	0.000001		0.000005
S-39	23-MAY-84	20-JUN-84	1	32000	0.000001		0.000006
S-40	23-MAY-84	20-JUN-84	1	30000	0.000004		0.000007
S-41	23-MAY-84	20-JUN-84	1	29000	0.000001		0.000005
S-42	23-MAY-84	20-JUN-84	1	30000	0.000004		0.000008
S-43	23-MAY-84	20-JUN-84	1	30000	0.000008		0.000014
S-44	23-MAY-84	20-JUN-84	1	29000	0.000002		0.000005
S-31	20-JUN-84	01-AUG-84	1	46000	0.000002		0.000003
S-32	20-JUN-84	01-AUG-84	1	43000	-0.000001		0.000002
S-33	20-JUN-84	01-AUG-84	1	45000	0.000001		0.000003
S-34	20-JUN-84	01-AUG-84	1	51000	0.000002		0.000003
S-35	20-JUN-84	01-AUG-84	1	37000	0.000004		0.000008
S-36	20-JUN-84	01-AUG-84	0				
S-37	20-JUN-84	01-AUG-84	1	39000	0.000005		0.000008
S-38	20-JUN-84	01-AUG-84	1	44000	0.000000		0.000002
S-39	20-JUN-84	01-AUG-84	1	31000	0.000003		0.000005
S-40	20-JUN-84	01-AUG-84	1	42000	-0.000003		0.000001
S-41	20-JUN-84	01-AUG-84	1	43000	0.000001		0.000003
S-42	20-JUN-84	01-AUG-84	1	34000	0.000000		0.000002
S-43	20-JUN-84	01-AUG-84	1	44000	0.000004		0.000006
S-44	20-JUN-84	01-AUG-84	1	42000	0.000001		0.000003
S-31	31-JUL-84	28-AUG-84	1	31000	0.000000		0.000002
S-32	31-JUL-84	28-AUG-84	1	29000	0.000000		0.000003
S-33	31-JUL-84	28-AUG-84	1	30000	-0.000001		0.000001
S-34	31-JUL-84	28-AUG-84	1	34000	0.000001		0.000004
S-35	31-JUL-84	28-AUG-84	1	46000	0.000001		0.000003
S-36	31-JUL-84	28-AUG-84	1	29000	0.000003		0.000006
S-37	31-JUL-84	28-AUG-84	1	30000	0.000002		0.000005
S-38	31-JUL-84	28-AUG-84	1	29000	0.000000		0.000002
S-39	31-JUL-84	28-AUG-84	1	32000	0.000021		0.000028
S-40	31-JUL-84	28-AUG-84	1	29000	0.000001		0.000003

PLUTONIUM IN PERIMETER AMBIENT AIR - 1984

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43	0.000006	0.000002	04	84
S-44	0.000008	0.000003	04	84
S-31	0.000010	0.000003	05	84
S-32	0.000009	0.000003	05	84
S-33	0.000010	0.000004	05	84
S-34	0.000006	0.000003	05	84
S-35	0.000008	0.000003	05	84
S-36	0.000017	0.000005	05	84
S-37	0.000017	0.000005	05	84
S-38	0.000011	0.000004	05	84
S-39	0.000016	0.000005	05	84
S-40	0.000010	0.000003	05	84
S-41	0.000012	0.000004	05	84
S-42	0.000012	0.000004	05	84
S-43	0.000009	0.000003	05	84
S-44	0.000010	0.000004	05	84
S-31	0.000007	0.000004	06	84
S-32	0.000010	0.000004	06	84
S-33	0.000007	0.000003	06	84
S-34	0.000010	0.000003	06	84
S-35	0.000008	0.000004	06	84
S-36	0.000008	0.000003	06	84
S-37	0.000021	0.000006	06	84
S-38	0.000009	0.000004	06	84
S-39	0.000011	0.000005	06	84
S-40	0.000010	0.000003	06	84
S-41	0.000009	0.000004	06	84
S-42	0.000012	0.000004	06	84
S-43	0.000020	0.000006	06	84
S-44	0.000008	0.000003	06	84
S-31	0.000004	0.000001	07	84
S-32	0.000005	0.000003	07	84
S-33	0.000005	0.000002	07	84
S-34	0.000004	0.000001	07	84
S-35	0.000012	0.000004	07	84
S-36		0.000007	07	84
S-37	0.000011	0.000003	07	84
S-38	0.000004	0.000002	07	84
S-39	0.000008	0.000003	07	84
S-40	0.000005	0.000004	07	84
S-41	0.000005	0.000002	07	84
S-42	0.000004	0.000002	07	84
S-43	0.000010	0.000003	07	84
S-44	0.000004	0.000002	07	84
S-31	0.000004	0.000002	08	84
S-32	0.000006	0.000003	08	84
S-33	0.000003	0.000002	08	84
S-34	0.000007	0.000003	08	84
S-35	0.000005	0.000002	08	84
S-36	0.000009	0.000003	08	84
S-37	0.000008	0.000003	08	84
S-38	0.000004	0.000002	08	84
S-39	0.000035	0.000007	08	84
S-40	0.000005	0.000002	08	84

PLUTONIUM IN PERIMETER AMBIENT AIR - 1984

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-41	31-JUL-84	28-AUG-84	1	29000	0.000001	0.000003
S-42	31-JUL-84	28-AUG-84	1	27000	-0.000003	0.000001
S-43	31-JUL-84	28-AUG-84	1	30000	0.000000	0.000002
S-44	31-JUL-84	28-AUG-84	1	28000	0.000002	0.000004
S-31	29-AUG-84	26-SEP-84	1	32000	0.000001	0.000002
S-32	29-AUG-84	26-SEP-84	1	30000	0.000001	0.000002
S-33	29-AUG-84	26-SEP-84	1	31000	-0.000001	0.000001
S-34	29-AUG-84	26-SEP-84	1	35000	0.000002	0.000003
S-35	29-AUG-84	26-SEP-84	1	48000	-0.000002	-0.000001
S-36	29-AUG-84	26-SEP-84	1	30000	0.000003	0.000004
S-37	29-AUG-84	26-SEP-84	1	32000	0.000009	0.000011
S-38	29-AUG-84	26-SEP-84	1	30000	0.000007	0.000009
S-39	29-AUG-84	26-SEP-84	1	32000	0.000006	0.000008
S-40	29-AUG-84	26-SEP-84	1	31000	0.000000	0.000001
S-41	29-AUG-84	26-SEP-84	1	29000	0.000003	0.000004
S-42	29-AUG-84	26-SEP-84	1	28000	0.000007	0.000009
S-43	29-AUG-84	26-SEP-84	1	28000	0.000005	0.000006
S-44	29-AUG-84	26-SEP-84	1	29000	0.000002	0.000004
S-31	25-SEP-84	24-OCT-84	1	34000	0.000004	0.000007
S-32	25-SEP-84	24-OCT-84	1	32000	0.000000	0.000001
S-33	25-SEP-84	24-OCT-84	1	33000	0.000000	0.000002
S-34	25-SEP-84	24-OCT-84	1	37000	0.000001	0.000003
S-35	25-SEP-84	24-OCT-84	1	35000	0.000001	0.000002
S-36	25-SEP-84	24-OCT-84	1	32000	0.000000	0.000003
S-37	25-SEP-84	24-OCT-84	1	34000	0.000022	0.000029
S-38	25-SEP-84	24-OCT-84	1	32000	0.000003	0.000005
S-39	25-SEP-84	24-OCT-84	1	34000	0.000002	0.000004
S-40	25-SEP-84	24-OCT-84	1	28000	0.000001	0.000004
S-41	25-SEP-84	24-OCT-84	1	31000	0.000000	0.000002
S-42	25-SEP-84	24-OCT-84	1	29000	0.000002	0.000004
S-43	25-SEP-84	24-OCT-84	1	33000	0.000000	0.000002
S-44	25-SEP-84	24-OCT-84	1	31000	0.000001	0.000004
S-31	24-OCT-84	19-NOV-84	1	30000	0.000003	0.000006
S-32	24-OCT-84	19-NOV-84	1	28000	0.000002	0.000004
S-33	24-OCT-84	19-NOV-84	1	28000	0.000001	0.000003
S-34	24-OCT-84	19-NOV-84	1	30000	0.000000	0.000004
S-35	24-OCT-84	19-NOV-84	1	27000	0.000003	0.000005
S-36	24-OCT-84	19-NOV-84	1	29000	0.000001	0.000003
S-37	24-OCT-84	19-NOV-84	1	30000	0.000003	0.000005
S-38	24-OCT-84	19-NOV-84	1	38000	0.000004	0.000006
S-39	24-OCT-84	19-NOV-84	1	27000	0.000002	0.000005
S-40	24-OCT-84	19-NOV-84	1	19000	0.000009	0.000014
S-41	24-OCT-84	19-NOV-84	1	27000	0.000004	0.000007
S-42	24-OCT-84	19-NOV-84	1	26000	0.000005	0.000008
S-43	24-OCT-84	19-NOV-84	1	29000	0.000002	0.000005
S-44	24-OCT-84	19-NOV-84	1	27000	0.000001	0.000003
S-31	19-NOV-84	02-JAN-85	1	54000	0.000001	0.000003
S-32	19-NOV-84	02-JAN-85	1	49000	0.000001	0.000003
S-33	19-NOV-84	02-JAN-85	1	51000	0.000001	0.000002
S-34	19-NOV-84	02-JAN-85	1	59000	0.000001	0.000003
S-35	19-NOV-84	02-JAN-85	1	49000	0.000002	0.000004
S-36	19-NOV-84	02-JAN-85	1	51000	0.000003	0.000005
S-37	19-NOV-84	02-JAN-85	1	55000	0.000005	0.000007
S-38	19-NOV-84	02-JAN-85	1	52000	0.000003	0.000004

PLUTONIUM IN PERIMETER AMBIENT AIR - 1984

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.000005	0.000002	08	84
S-42	0.000003	0.000003	08	84
S-43	0.000004	0.000002	08	84
S-44	0.000006	0.000002	08	84
S-31	0.000003	0.000001	09	84
S-32	0.000003	0.000001	09	84
S-33	0.000003	0.000002	09	84
S-34	0.000004	0.000001	09	84
S-35	0.000000	0.000001	09	84
S-36	0.000005	0.000001	09	84
S-37	0.000013	0.000002	09	84
S-38	0.000011	0.000002	09	84
S-39	0.000010	0.000002	09	84
S-40	0.000002	0.000001	09	84
S-41	0.000005	0.000001	09	84
S-42	0.000011	0.000002	09	84
S-43	0.000008	0.000002	09	84
S-44	0.000006	0.000002	09	84
S-31	0.000011	0.000003	10	84
S-32	0.000003	0.000002	10	84
S-33	0.000004	0.000002	10	84
S-34	0.000005	0.000002	10	84
S-35	0.000004	0.000002	10	84
S-36	0.000005	0.000003	10	84
S-37	0.000036	0.000007	10	84
S-38	0.000008	0.000003	10	84
S-39	0.000007	0.000003	10	84
S-40	0.000006	0.000003	10	84
S-41	0.000005	0.000003	10	84
S-42	0.000007	0.000003	10	84
S-43	0.000004	0.000002	10	84
S-44	0.000007	0.000003	10	84
S-31	0.000009	0.000003	11	84
S-32	0.000007	0.000003	11	84
S-33	0.000006	0.000003	11	84
S-34	0.000007	0.000004	11	84
S-35	0.000008	0.000003	11	84
S-36	0.000005	0.000002	11	84
S-37	0.000007	0.000002	11	84
S-38	0.000008	0.000002	11	84
S-39	0.000008	0.000003	11	84
S-40	0.000019	0.000005	11	84
S-41	0.000009	0.000003	11	84
S-42	0.000011	0.000003	11	84
S-43	0.000008	0.000003	11	84
S-44	0.000005	0.000002	11	84
S-31	0.000005	0.000002	12	84
S-32	0.000004	0.000002	12	84
S-33	0.000003	0.000001	12	84
S-34	0.000005	0.000002	12	84
S-35	0.000006	0.000002	12	84
S-36	0.000007	0.000002	12	84
S-37	0.000010	0.000003	12	84
S-38	0.000006	0.000002	12	84

PLUTONIUM IN PERIMETER AMBIENT AIR - 1984

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC (pCi/m ³)
S-39	19-NOV-84	02-JAN-85	1	51000	0.000002	0.000004
S-40	19-NOV-84	02-JAN-85	1	39000	0.000002	0.000005
S-41	19-NOV-84	02-JAN-85	1	49000	0.000002	0.000004
S-42	19-NOV-84	02-JAN-85	1	46000	0.000003	0.000005
S-43	19-NOV-84	02-JAN-85	1	51000	0.000001	0.000002
S-44	19-NOV-84	02-JAN-85	1	49000	0.000002	0.000003

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.000006	0.000002	12	84
S-40	0.000007	0.000003	12	84
S-41	0.000005	0.000001	12	84
S-42	0.000007	0.000002	12	84
S-43	0.000004	0.000002	12	84
S-44	0.000005	0.000001	12	84

PLUTONIUM IN PERIMETER AMBIENT AIR - 1985

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT_ EST. CONC. (pCi/m ³)
S-31	03-JAN-85	28-JAN-85	1	27000	-0.000006	-0.000001
S-32	03-JAN-85	28-JAN-85	1	24000	-0.000006	0.000000
S-33	03-JAN-85	28-JAN-85	1	28000	-0.000007	-0.000002
S-34	03-JAN-85	28-JAN-85	1	28000	-0.000005	0.000000
S-35	03-JAN-85	28-JAN-85	1	23000	-0.000006	0.000000
S-36	03-JAN-85	28-JAN-85	1	29000	-0.000005	0.000000
S-37	03-JAN-85	28-JAN-85	1	28000	-0.000004	0.000001
S-38	03-JAN-85	28-JAN-85	1	26000	-0.000007	-0.000002
S-39	03-JAN-85	28-JAN-85	1	20000	-0.000009	-0.000002
S-40	03-JAN-85	28-JAN-85	1	23000	-0.000009	-0.000003
S-41	03-JAN-85	28-JAN-85	1	19000	-0.000007	0.000001
S-42	03-JAN-85	28-JAN-85	1	28000	-0.000006	-0.000001
S-43	03-JAN-85	28-JAN-85	1	25000	-0.000007	-0.000002
S-44	03-JAN-85	28-JAN-85	1	26000	-0.000007	-0.000002
S-31	29-JAN-85	27-FEB-85	1	26000	-0.000005	0.000000
S-32	29-JAN-85	27-FEB-85	1	28000	-0.000008	-0.000003
S-33	29-JAN-85	27-FEB-85	1	33000	-0.000004	0.000000
S-34	29-JAN-85	27-FEB-85	1	31000	-0.000004	0.000000
S-35	29-JAN-85	27-FEB-85	1	24000	-0.000002	0.000005
S-36	29-JAN-85	27-FEB-85	1	34000	-0.000006	-0.000002
S-37	29-JAN-85	27-FEB-85	1	32000	-0.000001	0.000004
S-38	29-JAN-85	27-FEB-85	1	31000	-0.000001	0.000005
S-39	29-JAN-85	27-FEB-85	1	23000	-0.000007	-0.000001
S-40	29-JAN-85	27-FEB-85	1	31000	-0.000003	0.000002
S-41	29-JAN-85	27-FEB-85	1	22000	-0.000005	0.000001
S-42	29-JAN-85	27-FEB-85	1	33000	-0.000004	0.000000
S-43	29-JAN-85	27-FEB-85	1	29000	-0.000005	0.000000
S-44	29-JAN-85	27-FEB-85	1	31000	-0.000008	-0.000003
S-31	26-FEB-85	26-MAR-85	1	24000	-0.000004	0.000002
S-32	26-FEB-85	26-MAR-85	1	26000	-0.000003	0.000003
S-33	26-FEB-85	26-MAR-85	1	31000	-0.000005	-0.000001
S-34	26-FEB-85	26-MAR-85	1	29000	-0.000004	0.000001
S-35	26-FEB-85	26-MAR-85	0			
S-36	26-FEB-85	26-MAR-85	1	32000	-0.000003	0.000001
S-37	26-FEB-85	26-MAR-85	1	30000	0.000000	0.000005
S-38	26-FEB-85	26-MAR-85	1	29000	-0.000003	0.000002
S-39	26-FEB-85	26-MAR-85	1	22000	0.000002	0.000009
S-40	26-FEB-85	26-MAR-85	1	29000	-0.000007	-0.000002
S-41	26-FEB-85	26-MAR-85	1	21000	-0.000008	-0.000002
S-42	26-FEB-85	26-MAR-85	1	31000	-0.000001	0.000004
S-43	26-FEB-85	26-MAR-85	1	28000	-0.000001	0.000005
S-44	26-FEB-85	26-MAR-85	1	28000	-0.000002	0.000003
S-31	26-MAR-85	23-APR-85	1	28000	-0.000003	0.000002
S-32	26-MAR-85	23-APR-85	1	26000	-0.000004	0.000001
S-33	26-MAR-85	23-APR-85	1	33000	-0.000003	0.000001
S-34	26-MAR-85	23-APR-85	1	22000	-0.000007	-0.000001
S-35	26-MAR-85	23-APR-85	1	21000	-0.000007	0.000000
S-36	26-MAR-85	23-APR-85	1	30000	-0.000002	0.000003
S-37	26-MAR-85	23-APR-85	1	31000	-0.000001	0.000004
S-38	26-MAR-85	23-APR-85	1	30000	-0.000001	0.000004
S-39	26-MAR-85	23-APR-85	1	32000	-0.000004	0.000000
S-40	26-MAR-85	23-APR-85	1	30000	-0.000005	0.000000
S-41	26-MAR-85	23-APR-85	1	29000	-0.000007	-0.000001
S-42	26-MAR-85	23-APR-85	1	29000	-0.000004	0.000001

PLUTONIUM IN PERIMETER AMBIENT AIR - 1985

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31	0.000004	0.000005	01	85
S-32	0.000006	0.000006	01	85
S-33	0.000003	0.000005	01	85
S-34	0.000005	0.000005	01	85
S-35	0.000006	0.000006	01	85
S-36	0.000005	0.000005	01	85
S-37	0.000006	0.000005	01	85
S-38	0.000003	0.000005	01	85
S-39	0.000005	0.000007	01	85
S-40	0.000003	0.000006	01	85
S-41	0.000009	0.000008	01	85
S-42	0.000004	0.000005	01	85
S-43	0.000003	0.000005	01	85
S-44	0.000003	0.000005	01	85
S-31	0.000005	0.000005	02	85
S-32	0.000002	0.000005	02	85
S-33	0.000004	0.000004	02	85
S-34	0.000004	0.000004	02	85
S-35	0.000012	0.000007	02	85
S-36	0.000002	0.000004	02	85
S-37	0.000009	0.000005	02	85
S-38	0.000011	0.000006	02	85
S-39	0.000005	0.000006	02	85
S-40	0.000007	0.000005	02	85
S-41	0.000007	0.000006	02	85
S-42	0.000004	0.000004	02	85
S-43	0.000005	0.000005	02	85
S-44	0.000002	0.000005	02	85
S-31	0.000008	0.000006	03	85
S-32	0.000009	0.000006	03	85
S-33	0.000003	0.000004	03	85
S-34	0.000006	0.000005	03	85
S-35			03	85
S-36	0.000005	0.000004	03	85
S-37	0.000010	0.000005	03	85
S-38	0.000007	0.000005	03	85
S-39	0.000016	0.000007	03	85
S-40	0.000003	0.000005	03	85
S-41	0.000004	0.000006	03	85
S-42	0.000009	0.000005	03	85
S-43	0.000011	0.000006	03	85
S-44	0.000008	0.000005	03	85
S-31	0.000007	0.000005	04	85
S-32	0.000006	0.000005	04	85
S-33	0.000005	0.000004	04	85
S-34	0.000005	0.000006	04	85
S-35	0.000007	0.000007	04	85
S-36	0.000008	0.000005	04	85
S-37	0.000009	0.000005	04	85
S-38	0.000009	0.000005	04	85
S-39	0.000004	0.000004	04	85
S-40	0.000005	0.000005	04	85
S-41	0.000005	0.000006	04	85
S-42	0.000006	0.000005	04	85

PLUTONIUM IN PERIMETER AMBIENT AIR - 1985

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT CONC. (pCi/m ³)	EST. (pCi/m ³)
S-43	26-MAR-85	23-APR-85	1	32000	-0.000003		0.000001
S-44	26-MAR-85	23-APR-85	1	31000	-0.000003		0.000002
S-31	23-APR-85	21-MAY-85	1	26000	-0.000006		-0.000001
S-32	23-APR-85	21-MAY-85	1	25000	-0.000005		0.000001
S-33	23-APR-85	21-MAY-85	1	30000	-0.000005		-0.000001
S-34	23-APR-85	21-MAY-85	1	28000	-0.000004		0.000001
S-35	23-APR-85	21-MAY-85	1	20000	-0.000008		-0.000001
S-36	23-APR-85	21-MAY-85	1	28000	-0.000004		0.000001
S-37	23-APR-85	21-MAY-85	1	29000	0.000007		0.000013
S-38	23-APR-85	21-MAY-85	1	30000	-0.000004		0.000001
S-39	23-APR-85	21-MAY-85	1	30000	-0.000006		-0.000001
S-40	23-APR-85	21-MAY-85	1	29000	0.000000		0.000005
S-41	23-APR-85	21-MAY-85	1	28000	-0.000006		-0.000001
S-42	23-APR-85	21-MAY-85	1	28000	-0.000001		0.000004
S-43	23-APR-85	21-MAY-85	1	31000	0.000004		0.000009
S-44	23-APR-85	21-MAY-85	1	30000	-0.000006		-0.000002
S-31	21-MAY-85	18-JUN-85	1	26000	-0.000004		0.000001
S-32	21-MAY-85	18-JUN-85	1	25000	-0.000006		0.000000
S-33	21-MAY-85	18-JUN-85	1	30000	-0.000005		0.000000
S-34	21-MAY-85	18-JUN-85	1	28000	-0.000003		0.000002
S-35	21-MAY-85	18-JUN-85	1	18000	-0.000009		-0.000001
S-36	21-MAY-85	18-JUN-85	1	28000	0.000010		0.000017
S-37	21-MAY-85	18-JUN-85	1	30000	0.000019		0.000027
S-38	21-MAY-85	18-JUN-85	1	29000	0.000025		0.000031
S-39	21-MAY-85	18-JUN-85	1	30000	0.00002		0.000008
S-40	21-MAY-85	18-JUN-85	1	29000	-0.000003		0.000002
S-41	21-MAY-85	18-JUN-85	1	28000	0.000018		0.000026
S-42	21-MAY-85	18-JUN-85	1	28000	0.000014		0.000021
S-43	21-MAY-85	18-JUN-85	1	31000	-0.000002		0.000003
S-44	21-MAY-85	18-JUN-85	1	30000	-0.000001		0.000004
S-31	18-JUN-85	01-AUG-85	1	45000	-0.000001		0.000002
S-32	18-JUN-85	01-AUG-85	1	41000	-0.000002		0.000001
S-33	18-JUN-85	01-AUG-85	1	50000	0.000009		0.000012
S-34	18-JUN-85	01-AUG-85	1	45000	-0.000002		0.000001
S-35	18-JUN-85	01-AUG-85	1	32000	-0.000004		0.000000
S-36	18-JUN-85	01-AUG-85	1	48000	-0.000003		0.000000
S-37	18-JUN-85	01-AUG-85	1	48000	0.000005		0.000008
S-38	18-JUN-85	01-AUG-85	1	45000	-0.000001		0.000002
S-39	18-JUN-85	01-AUG-85	1	44000	0.000000		0.000003
S-40	18-JUN-85	01-AUG-85	1	48000	-0.000002		0.000001
S-41	18-JUN-85	01-AUG-85	1	43000	-0.000002		0.000001
S-42	18-JUN-85	01-AUG-85	1	40000	-0.000004		-0.000001
S-43	18-JUN-85	01-AUG-85	1	50000	0.000000		0.000003
S-44	18-JUN-85	01-AUG-85	1	44000	0.000000		0.000003
S-31	01-AUG-85	27-AUG-85	1	29000	-0.000004		0.000001
S-32	01-AUG-85	27-AUG-85	1	25000	-0.000005		0.000000
S-33	01-AUG-85	27-AUG-85	1	30000	-0.000003		0.000001
S-34	01-AUG-85	27-AUG-85	1	28000	-0.000004		0.000001
S-35	01-AUG-85	27-AUG-85	1	21000	-0.000008		-0.000002
S-36	01-AUG-85	27-AUG-85	1	30000	-0.000004		0.000000
S-37	01-AUG-85	27-AUG-85	1	29000	-0.000002		0.000003
S-38	01-AUG-85	27-AUG-85	1	28000	-0.000002		0.000003
S-39	01-AUG-85	27-AUG-85	1	30000	-0.000005		-0.000001
S-40	01-AUG-85	27-AUG-85	1	29000	-0.000006		-0.000002

PLUTONIUM IN PERIMETER AMBIENT AIR - 1985

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43	0.000005	0.000004	04	85
S-44	0.000007	0.000005	04	85
S-31	0.000004	0.000005	05	85
S-32	0.000007	0.000006	05	85
S-33	0.000003	0.000004	05	85
S-34	0.000006	0.000005	05	85
S-35	0.000006	0.000007	05	85
S-36	0.000006	0.000005	05	85
S-37	0.000019	0.000006	05	85
S-38	0.000006	0.000005	05	85
S-39	0.000004	0.000005	05	85
S-40	0.000010	0.000005	05	85
S-41	0.000004	0.000005	05	85
S-42	0.000009	0.000005	05	85
S-43	0.000014	0.000005	05	85
S-44	0.000002	0.000004	05	85
S-31	0.000006	0.000005	06	85
S-32	0.000006	0.000006	06	85
S-33	0.000005	0.000005	06	85
S-34	0.000007	0.000005	06	85
S-35	0.000007	0.000008	06	85
S-36	0.000024	0.000007	06	85
S-37	0.000035	0.000008	06	85
S-38	0.000037	0.000006	06	85
S-39	0.000014	0.000006	06	85
S-40	0.000007	0.000005	06	85
S-41	0.000034	0.000008	06	85
S-42	0.000028	0.000007	06	85
S-43	0.000008	0.000005	06	85
S-44	0.000009	0.000005	06	85
S-31	0.000005	0.000003	07	85
S-32	0.000004	0.000003	07	85
S-33	0.000015	0.000003	07	85
S-34	0.000004	0.000003	07	85
S-35	0.000004	0.000004	07	85
S-36	0.000003	0.000003	07	85
S-37	0.000011	0.000003	07	85
S-38	0.000005	0.000003	07	85
S-39	0.000006	0.000003	07	85
S-40	0.000004	0.000003	07	85
S-41	0.000004	0.000003	07	85
S-42	0.000002	0.000003	07	85
S-43	0.000006	0.000003	07	85
S-44	0.000006	0.000003	07	85
S-31	0.000006	0.000005	08	85
S-32	0.000005	0.000005	08	85
S-33	0.000005	0.000004	08	85
S-34	0.000006	0.000005	08	85
S-35	0.000004	0.000006	08	85
S-36	0.000004	0.000004	08	85
S-37	0.000008	0.000005	08	85
S-38	0.000008	0.000005	08	85
S-39	0.000003	0.000004	08	85
S-40	0.000002	0.000004	08	85

PLUTONIUM IN PERIMETER AMBIENT AIR - 1985

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC. (pCi/m ³)
S-41	01-AUG-85	27-AUG-85	1	27000	-0.000006	-0.000001
S-42	01-AUG-85	27-AUG-85	1	23000	-0.000004	0.000002
S-43	01-AUG-85	27-AUG-85	1	30000	-0.000001	0.000003
S-44	01-AUG-85	27-AUG-85	1	27000	-0.000001	0.000004
S-31	27-AUG-85	24-SEP-85	1	31000	-0.000004	-0.000001
S-32	27-AUG-85	24-SEP-85	1	26000	-0.000005	-0.000001
S-33	27-AUG-85	24-SEP-85	1	32000	-0.000002	0.000001
S-34	27-AUG-85	24-SEP-85	1	29000	-0.000004	0.000000
S-35	27-AUG-85	24-SEP-85	1	24000	-0.000004	0.000000
S-36	27-AUG-85	24-SEP-85	1	31000	-0.000002	0.000002
S-37	27-AUG-85	24-SEP-85	1	29000	-0.000002	0.000002
S-38	27-AUG-85	24-SEP-85	1	29000	-0.000003	0.000001
S-39	27-AUG-85	24-SEP-85	1	32000	-0.000003	0.000000
S-40	27-AUG-85	24-SEP-85	1	32000	-0.000004	-0.000001
S-41	27-AUG-85	24-SEP-85	1	28000	-0.000004	0.000000
S-42	27-AUG-85	24-SEP-85	1	26000	-0.000004	0.000000
S-43	27-AUG-85	24-SEP-85	1	16000	-0.000007	0.000000
S-44	27-AUG-85	24-SEP-85	1	28000	-0.000006	-0.000002
S-31	24-SEP-85	22-OCT-85	1	28000	-0.000007	-0.000003
S-32	24-SEP-85	22-OCT-85	1	25000	0.000000	0.000004
S-33	24-SEP-85	22-OCT-85	1	30000	-0.000001	0.000003
S-34	24-SEP-85	22-OCT-85	1	25000	-0.000001	0.000003
S-35	24-SEP-85	22-OCT-85	1	22000	-0.000004	0.000001
S-36	24-SEP-85	22-OCT-85	1	30000	-0.000003	0.000001
S-37	24-SEP-85	22-OCT-85	1	25000	0.000012	0.000018
S-38	24-SEP-85	22-OCT-85	0			
S-39	24-SEP-85	22-OCT-85	1	27000	-0.000001	0.000003
S-40	24-SEP-85	22-OCT-85	1	27000	-0.000005	-0.000001
S-41	24-SEP-85	22-OCT-85	1	24000	-0.000007	-0.000003
S-42	24-SEP-85	22-OCT-85	1	22000	-0.000005	0.000000
S-43	24-SEP-85	22-OCT-85	1	28000	-0.000002	0.000002
S-44	24-SEP-85	22-OCT-85	1	27000	-0.000002	0.000002
S-31	22-OCT-85	19-NOV-85	1	29000	-0.000002	0.000002
S-32	22-OCT-85	19-NOV-85	1	27000	-0.000004	0.000000
S-33	22-OCT-85	19-NOV-85	1	32000	-0.000001	0.000002
S-34	22-OCT-85	19-NOV-85	1	27000	-0.000004	0.000000
S-35	22-OCT-85	19-NOV-85	1	23000	-0.000005	-0.000001
S-36	22-OCT-85	19-NOV-85	1	32000	-0.000001	0.000002
S-37	22-OCT-85	19-NOV-85	1	30000	-0.000001	0.000003
S-38	07-NOV-85	19-NOV-85	1	13000	-0.000006	0.000002
S-39	22-OCT-85	19-NOV-85	1	29000	-0.000003	0.000001
S-40	22-OCT-85	19-NOV-85	1	29000	-0.000004	0.000000
S-41	22-OCT-85	19-NOV-85	1	25000	-0.000006	-0.000002
S-42	22-OCT-85	19-NOV-85	1	23000	-0.000006	-0.000001
S-43	22-OCT-85	19-NOV-85	1	29000	-0.000004	0.000000
S-44	22-OCT-85	19-NOV-85	1	28000	-0.000005	-0.000001
S-31	19-NOV-85	02-JAN-86	1	47000	0.000000	0.000001
S-32	19-NOV-85	02-JAN-86	1	43000	-0.000001	0.000001
S-33	19-NOV-85	02-JAN-86	1	48000	-0.000002	0.000000
S-34	19-NOV-85	02-JAN-86	1	41000	-0.000001	0.000001
S-35	19-NOV-85	02-JAN-86	1	40000	-0.000003	0.000000
S-36	19-NOV-85	02-JAN-86	1	52000	0.000000	0.000002
S-37	19-NOV-85	02-JAN-86	1	48000	0.000001	0.000003
S-38	19-NOV-85	02-JAN-86	1	46000	0.000002	0.000004

PLUTONIUM IN PERIMETER AMBIENT AIR - 1985

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.000004	0.000005	08	85
S-42	0.000008	0.000006	08	85
S-43	0.000007	0.000004	08	85
S-44	0.000009	0.000005	08	85
S-31	0.000002	0.000003	09	85
S-32	0.000003	0.000004	09	85
S-33	0.000004	0.000003	09	85
S-34	0.000004	0.000004	09	85
S-35	0.000004	0.000004	09	85
S-36	0.000006	0.000004	09	85
S-37	0.000006	0.000004	09	85
S-38	0.000005	0.000004	09	85
S-39	0.000003	0.000003	09	85
S-40	0.000002	0.000003	09	85
S-41	0.000004	0.000004	09	85
S-42	0.000004	0.000004	09	85
S-43	0.000007	0.000007	09	85
S-44	0.000002	0.000004	09	85
S-31	0.000001	0.000004	10	85
S-32	0.000008	0.000004	10	85
S-33	0.000007	0.000004	10	85
S-34	0.000007	0.000004	10	85
S-35	0.000006	0.000005	10	85
S-36	0.000005	0.000004	10	85
S-37	0.000024	0.000006	10	85
S-38			10	85
S-39	0.000007	0.000004	10	85
S-40	0.000003	0.000004	10	85
S-41	0.000001	0.000004	10	85
S-42	0.000005	0.000005	10	85
S-43	0.000006	0.000004	10	85
S-44	0.000006	0.000004	10	85
S-31	0.000006	0.000004	11	85
S-32	0.000004	0.000004	11	85
S-33	0.000005	0.000003	11	85
S-34	0.000004	0.000004	11	85
S-35	0.000003	0.000004	11	85
S-36	0.000005	0.000003	11	85
S-37	0.000007	0.000004	11	85
S-38	0.000010	0.000008	11	85
S-39	0.000005	0.000004	11	85
S-40	0.000004	0.000004	11	85
S-41	0.000002	0.000004	11	85
S-42	0.000004	0.000005	11	85
S-43	0.000004	0.000004	11	85
S-44	0.000003	0.000004	11	85
S-31	0.000002	0.000001	12	85
S-32	0.000003	0.000002	12	85
S-33	0.000002	0.000002	12	85
S-34	0.000003	0.000002	12	85
S-35	0.000003	0.000003	12	85
S-36	0.000004	0.000002	12	85
S-37	0.000005	0.000002	12	85
S-38	0.000006	0.000002	12	85

PLUTONIUM IN PERIMETER AMBIENT AIR - 1985

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT CONC (pCi/m ³)	EST (pCi/m ³)
S-39	19-NOV-85	02-JAN-86	1	46000	0.000006	0.000009	
S-40	19-NOV-85	02-JAN-86	1	46000	-0.000002	0.000000	
S-41	19-NOV-85	02-JAN-86	1	44000	-0.000002	0.000000	
S-42	19-NOV-85	02-JAN-86	1	39000	-0.000003	0.000000	
S-43	19-NOV-85	02-JAN-86	1	45000	-0.000001	0.000001	
S-44	19-NOV-85	02-JAN-86	1	48000	-0.000003	-0.000001	

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.000012	0.000003	12	85
S-40	0.000002	0.000002	12	85
S-41	0.000002	0.000002	12	85
S-42	0.000003	0.000003	12	85
S-43	0.000003	0.000002	12	85
S-44	0.000001	0.000002	12	85

PLUTONIUM IN PERIMETER AMBIENT AIR - 1986

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC. (pCi/m ³)
S-31	02-JAN-86	29-JAN-86	1	29000	0.000000	0.000001
S-32	02-JAN-86	29-JAN-86	1	25000	-0.000001	0.000000
S-33	02-JAN-86	29-JAN-86	1	30000	0.000000	0.000001
S-34	02-JAN-86	29-JAN-86	1	27000	0.000000	0.000001
S-35	02-JAN-86	29-JAN-86	1	23000	-0.000001	0.000000
S-36	02-JAN-86	29-JAN-86	1	31000	-0.000001	0.000000
S-37	02-JAN-86	29-JAN-86	1	29000	0.000005	0.000007
S-38	02-JAN-86	29-JAN-86	1	28000	0.000001	0.000002
S-39	02-JAN-86	29-JAN-86	1	28000	0.000001	0.000002
S-40	02-JAN-86	29-JAN-86	1	25000	0.000000	0.000001
S-41	02-JAN-86	29-JAN-86	1	24000	-0.000002	0.000000
S-42	02-JAN-86	29-JAN-86	1	23000	0.000000	0.000002
S-43	02-JAN-86	29-JAN-86	1	27000	-0.000001	0.000000
S-44	02-JAN-86	29-JAN-86	1	28000	-0.000001	0.000000
S-31	29-JAN-86	25-FEB-86	1	31000	-0.000001	0.000000
S-32	29-JAN-86	25-FEB-86	1	28000	-0.000001	0.000000
S-33	29-JAN-86	25-FEB-86	1	28000	-0.000001	0.000000
S-34	29-JAN-86	25-FEB-86	1	27000	0.000001	0.000002
S-35	29-JAN-86	25-FEB-86	1	26000	0.000002	0.000003
S-36	29-JAN-86	25-FEB-86	1	33000	0.000000	0.000001
S-37	29-JAN-86	25-FEB-86	1	31000	0.000001	0.000002
S-38	29-JAN-86	25-FEB-86	1	29000	-0.000001	0.000000
S-39	29-JAN-86	25-FEB-86	1	28000	0.000001	0.000002
S-40	29-JAN-86	25-FEB-86	1	29000	0.000000	0.000001
S-41	29-JAN-86	25-FEB-86	1	26000	0.000005	0.000007
S-42	29-JAN-86	25-FEB-86	1	25000	0.000000	0.000001
S-43	29-JAN-86	25-FEB-86	1	29000	0.000002	0.000004
S-44	29-JAN-86	25-FEB-86	1	30000	-0.000001	0.000000
S-31	25-FEB-86	25-MAR-86	1	30000	0.000002	0.000003
S-32	25-FEB-86	25-MAR-86	1	28000	0.000001	0.000002
S-33	25-FEB-86	25-MAR-86	1	31000	0.000001	0.000002
S-34	25-FEB-86	25-MAR-86	1	27000	0.000000	0.000002
S-35	25-FEB-86	25-MAR-86	1	24000	0.000000	0.000001
S-36	25-FEB-86	25-MAR-86	1	33000	0.000003	0.000004
S-37	25-FEB-86	25-MAR-86	1	30000	0.000009	0.000011
S-38	25-FEB-86	25-MAR-86	1	29000	0.000003	0.000005
S-39	25-FEB-86	25-MAR-86	1	29000	0.000002	0.000003
S-40	25-FEB-86	25-MAR-86	1	28000	-0.000001	0.000000
S-41	25-FEB-86	25-MAR-86	1	17000	-0.000002	0.000000
S-42	25-FEB-86	25-MAR-86	1	25000	0.000000	0.000001
S-43	25-FEB-86	25-MAR-86	1	29000	0.000001	0.000002
S-44	25-FEB-86	25-MAR-86	1	29000	-0.000001	0.000000
S-31	25-MAR-86	22-APR-86	1	27000	0.000004	0.000006
S-32	25-MAR-86	22-APR-86	1	25000	-0.000001	0.000001
S-33	25-MAR-86	22-APR-86	1	33000	-0.000001	0.000000
S-34	25-MAR-86	22-APR-86	1	24000	-0.000001	0.000001
S-35	25-MAR-86	22-APR-86	1	23000	0.000000	0.000002
S-36	25-MAR-86	22-APR-86	1	28000	-0.000001	0.000000
S-37	25-MAR-86	22-APR-86	1	28000	0.000001	0.000003
S-38	25-MAR-86	22-APR-86	1	21000	0.000003	0.000005
S-39	25-MAR-86	22-APR-86	1	28000	0.000000	0.000001
S-40	25-MAR-86	22-APR-86	1	18000	0.000004	0.000006
S-41	25-MAR-86	22-APR-86	1	25000	0.000000	0.000001
S-42	25-MAR-86	22-APR-86	1	27000	0.000000	0.000001

PLUTONIUM IN PERIMETER AMBIENT AIR - 1986

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-31	0.000002	0.000001	01	86
S-32	0.000001	0.000001	01	86
S-33	0.000002	0.000001	01	86
S-34	0.000002	0.000001	01	86
S-35	0.000001	0.000001	01	86
S-36	0.000001	0.000001	01	86
S-37	0.000009	0.000002	01	86
S-38	0.000003	0.000001	01	86
S-39	0.000003	0.000001	01	86
S-40	0.000002	0.000001	01	86
S-41	0.000002	0.000002	01	86
S-42	0.000004	0.000002	01	86
S-43	0.000001	0.000001	01	86
S-44	0.000001	0.000001	01	86
S-31	0.000001	0.000001	02	86
S-32	0.000001	0.000001	02	86
S-33	0.000001	0.000001	02	86
S-34	0.000003	0.000001	02	86
S-35	0.000004	0.000001	02	86
S-36	0.000002	0.000001	02	86
S-37	0.000003	0.000001	02	86
S-38	0.000001	0.000001	02	86
S-39	0.000003	0.000001	02	86
S-40	0.000002	0.000001	02	86
S-41	0.000009	0.000002	02	86
S-42	0.000002	0.000001	02	86
S-43	0.000006	0.000002	02	86
S-44	0.000001	0.000001	02	86
S-31	0.000004	0.000001	03	86
S-32	0.000003	0.000001	03	86
S-33	0.000003	0.000001	03	86
S-34	0.000004	0.000002	03	86
S-35	0.000002	0.000001	03	86
S-36	0.000005	0.000001	03	86
S-37	0.000013	0.000002	03	86
S-38	0.000007	0.000002	03	86
S-39	0.000004	0.000001	03	86
S-40	0.000001	0.000001	03	86
S-41	0.000002	0.000002	03	86
S-42	0.000002	0.000001	03	86
S-43	0.000003	0.000001	03	86
S-44	0.000001	0.000001	03	86
S-31	0.000008	0.000002	04	86
S-32	0.000003	0.000002	04	86
S-33	0.000001	0.000001	04	86
S-34	0.000003	0.000002	04	86
S-35	0.000004	0.000002	04	86
S-36	0.000001	0.000001	04	86
S-37	0.000005	0.000002	04	86
S-38	0.000007	0.000002	04	86
S-39	0.000002	0.000001	04	86
S-40	0.000008	0.000002	04	86
S-41	0.000002	0.000001	04	86
S-42	0.000002	0.000001	04	86

PLUTONIUM IN PERIMETER AMBIENT AIR - 1986

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC. (pCi/m ³)
S-43	25-MAR-86	22-APR-86	1	31000	0.000000	0.000001
S-44	25-MAR-86	22-APR-86	1	27000	-0.000001	0.000000
S-31	22-APR-86	20-MAY-86	1	26000	0.000000	0.000001
S-32	22-APR-86	20-MAY-86	1	23000	0.000000	0.000001
S-33	22-APR-86	20-MAY-86	1	31000	0.000001	0.000002
S-34	22-APR-86	20-MAY-86	1	28000	0.000002	0.000003
S-35	22-APR-86	20-MAY-86	1	21000	-0.000001	0.000000
S-36	22-APR-86	20-MAY-86	1	29000	0.000000	0.000001
S-37	22-APR-86	20-MAY-86	1	28000	0.000004	0.000006
S-38	22-APR-86	20-MAY-86	1	18000	0.000001	0.000003
S-39	22-APR-86	20-MAY-86	1	27000	0.000003	0.000004
S-40	22-APR-86	20-MAY-86	1	30000	-0.000001	0.000000
S-41	22-APR-86	20-MAY-86	0			
S-42	22-APR-86	20-MAY-86	1	25000	0.000003	0.000005
S-43	22-APR-86	20-MAY-86	1	26000	0.000001	0.000002
S-44	22-APR-86	20-MAY-86	0			
S-31	20-MAY-86	17-JUN-86	1	26000	0.000004	0.000006
S-32	20-MAY-86	17-JUN-86	1	23000	-0.000002	0.000000
S-33	20-MAY-86	17-JUN-86	1	32000	0.000002	0.000003
S-34	20-MAY-86	17-JUN-86	1	27000	0.000003	0.000005
S-35	20-MAY-86	17-JUN-86	1	22000	-0.000003	-0.000001
S-36	20-MAY-86	17-JUN-86	1	28000	0.000002	0.000004
S-37	20-MAY-86	17-JUN-86	1	28000	0.000023	0.000031
S-38	20-MAY-86	17-JUN-86	1	17000	0.000000	0.000002
S-39	20-MAY-86	17-JUN-86	1	28000	0.000002	0.000004
S-40	20-MAY-86	17-JUN-86	1	29000	0.000004	0.000006
S-41	20-MAY-86	17-JUN-86	1	13000	0.000000	0.000003
S-42	20-MAY-86	17-JUN-86	1	24000	0.000001	0.000003
S-43	20-MAY-86	17-JUN-86	1	30000	0.000002	0.000003
S-44	20-MAY-86	17-JUN-86	1	14000	0.000002	0.000005
S-31	17-JUN-86	29-JUL-86	1	36000	0.000000	0.000001
S-32	17-JUN-86	29-JUL-86	1	33000	-0.000001	0.000000
S-33	17-JUN-86	29-JUL-86	1	47000	0.000002	0.000003
S-34	17-JUN-86	29-JUL-86	1	40000	0.000005	0.000007
S-35	17-JUN-86	29-JUL-86	1	26000	-0.000001	0.000001
S-36	17-JUN-86	29-JUL-86	1	40000	0.000003	0.000004
S-37	17-JUN-86	29-JUL-86	1	40000	0.000183	0.000231
S-38	17-JUN-86	29-JUL-86	1	16000	0.000003	0.000006
S-39	17-JUN-86	29-JUL-86	0			
S-40	17-JUN-86	29-JUL-86	1	29000	0.000006	0.000008
S-41	17-JUN-86	29-JUL-86	1	35000	0.000002	0.000004
S-42	17-JUN-86	29-JUL-86	1	35000	0.000008	0.000010
S-43	17-JUN-86	29-JUL-86	1	43000	0.000000	0.000001
S-44	17-JUN-86	29-JUL-86	1	37000	-0.000002	-0.000001
S-31	29-JUL-86	28-AUG-86	1	24000	-0.000002	0.000000
S-32	29-JUL-86	28-AUG-86	1	22000	-0.000001	0.000001
S-33	29-JUL-86	28-AUG-86	1	32000	0.000000	0.000001
S-34	29-JUL-86	28-AUG-86	1	28000	-0.000001	0.000001
S-35	29-JUL-86	28-AUG-86	1	18000	0.000003	0.000006
S-36	29-JUL-86	28-AUG-86	1	23000	0.000001	0.000003
S-37	29-JUL-86	28-AUG-86	1	28000	0.000013	0.000017
S-38	29-JUL-86	28-AUG-86	1	15000	0.000002	0.000005
S-39	29-JUL-86	28-AUG-86	1	29000	0.000001	0.000003
S-40	29-JUL-86	28-AUG-86	1	31000	0.000003	0.000005

PLUTONIUM IN PERIMETER AMBIENT AIR - 1986

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-43	0.000002	0.000001	04	86
S-44	0.000001	0.000001	04	86
S-31	0.000002	0.000001	05	86
S-32	0.000002	0.000001	05	86
S-33	0.000003	0.000001	05	86
S-34	0.000004	0.000001	05	86
S-35	0.000001	0.000001	05	86
S-36	0.000002	0.000001	05	86
S-37	0.000008	0.000002	05	86
S-38	0.000005	0.000002	05	86
S-39	0.000005	0.000001	05	86
S-40	0.000001	0.000001	05	86
S-41			05	86
S-42	0.000007	0.000002	05	86
S-43	0.000003	0.000001	05	86
S-44			05	86
S-31	0.000008	0.000002	06	86
S-32	0.000002	0.000002	06	86
S-33	0.000004	0.000001	06	86
S-34	0.000007	0.000002	06	86
S-35	0.000001	0.000002	06	86
S-36	0.000006	0.000002	06	86
S-37	0.000039	0.000008	06	86
S-38	0.000004	0.000002	06	86
S-39	0.000006	0.000002	06	86
S-40	0.000008	0.000002	06	86
S-41	0.000006	0.000003	06	86
S-42	0.000005	0.000002	06	86
S-43	0.000004	0.000001	06	86
S-44	0.000008	0.000003	06	86
S-31	0.000002	0.000001	07	86
S-32	0.000001	0.000001	07	86
S-33	0.000004	0.000001	07	86
S-34	0.000009	0.000002	07	86
S-35	0.000003	0.000002	07	86
S-36	0.000005	0.000001	07	86
S-37	0.000279	0.000048	07	86
S-38	0.000009	0.000003	07	86
S-39		0.000007	07	86
S-40	0.000010	0.000002	07	86
S-41	0.000006	0.000002	07	86
S-42	0.000012	0.000002	07	86
S-43	0.000002	0.000001	07	86
S-44	0.000000	0.000001	07	86
S-31	0.000002	0.000002	08	86
S-32	0.000003	0.000002	08	86
S-33	0.000002	0.000001	08	86
S-34	0.000003	0.000002	08	86
S-35	0.000009	0.000003	08	86
S-36	0.000005	0.000002	08	86
S-37	0.000021	0.000004	08	86
S-38	0.000008	0.000003	08	86
S-39	0.000005	0.000002	08	86
S-40	0.000007	0.000002	08	86

PLUTONIUM IN PERIMETER AMBIENT AIR - 1986

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT CONC. (pCi/m ³)	EST. (pCi/m ³)
S-41	29-JUL-86	28-AUG-86	1	26000	-0.000001	0.000001	
S-42	29-JUL-86	28-AUG-86	1	24000	0.000002	0.000004	
S-43	29-JUL-86	28-AUG-86	1	30000	0.000002	0.000004	
S-44	29-JUL-86	28-AUG-86	1	26000	-0.000002	0.000000	
S-31	27-AUG-86	24-SEP-86	1	24000	0.000000	0.000002	
S-32	27-AUG-86	24-SEP-86	1	22000	-0.000003	-0.000001	
S-33	27-AUG-86	24-SEP-86	1	30000	-0.000002	0.000000	
S-34	27-AUG-86	24-SEP-86	1	28000	0.000000	0.000002	
S-35	27-AUG-86	24-SEP-86	1	22000	-0.000002	0.000000	
S-36	27-AUG-86	24-SEP-86	1	27000	0.000001	0.000003	
S-37	27-AUG-86	24-SEP-86	1	26000	0.000001	0.000003	
S-38	27-AUG-86	24-SEP-86	1	15000	-0.000002	0.000001	
S-39	27-AUG-86	24-SEP-86	1	26000	0.000059	0.000068	
S-40	27-AUG-86	24-SEP-86	1	29000	-0.000001	0.000001	
S-41	27-AUG-86	24-SEP-86	1	23000	-0.000003	-0.000001	
S-42	27-AUG-86	24-SEP-86	1	22000	-0.000001	0.000001	
S-43	27-AUG-86	24-SEP-86	1	27000	0.000001	0.000003	
S-44	27-AUG-86	24-SEP-86	1	23000	-0.000002	0.000000	
S-31	23-SEP-86	22-OCT-86	1	26000	-0.000002	0.000000	
S-32	23-SEP-86	22-OCT-86	1	24000	-0.000002	0.000000	
S-33	23-SEP-86	22-OCT-86	1	32000	-0.000001	0.000001	
S-34	23-SEP-86	22-OCT-86	1	28000	0.000003	0.000005	
S-35	23-SEP-86	22-OCT-86	1	28000	-0.000002	0.000000	
S-36	23-SEP-86	22-OCT-86	1	30000	-0.000001	0.000001	
S-37	23-SEP-86	22-OCT-86	1	29000	0.000001	0.000003	
S-38	23-SEP-86	22-OCT-86	1	20000	0.000000	0.000003	
S-39	23-SEP-86	22-OCT-86	1	29000	-0.000002	0.000000	
S-40	23-SEP-86	22-OCT-86	1	31000	-0.000001	0.000001	
S-41	23-SEP-86	22-OCT-86	1	25000	-0.000002	0.000000	
S-42	23-SEP-86	22-OCT-86	1	25000	-0.000002	0.000000	
S-43	23-SEP-86	22-OCT-86	1	30000	-0.000001	0.000001	
S-44	23-SEP-86	22-OCT-86	1	26000	-0.000004	-0.000002	
S-31	21-OCT-86	02-DEC-86	1	23000	0.000004	0.000006	
S-32	21-OCT-86	02-DEC-86	1	38000	0.000010	0.000012	
S-33	21-OCT-86	02-DEC-86	1	49000	0.000000	0.000001	
S-34	21-OCT-86	02-DEC-86	1	45000	-0.000001	0.000000	
S-35	21-OCT-86	02-DEC-86	1	50000	-0.000001	0.000000	
S-36	21-OCT-86	02-DEC-86	1	45000	0.000004	0.000005	
S-37	21-OCT-86	02-DEC-86	1	44000	0.000003	0.000004	
S-38	21-OCT-86	02-DEC-86	1	41000	0.000001	0.000002	
S-39	21-OCT-86	02-DEC-86	1	50000	0.000000	0.000001	
S-40	21-OCT-86	02-DEC-86	1	49000	0.000000	0.000001	
S-41	21-OCT-86	02-DEC-86	1	39000	-0.000001	0.000000	
S-42	21-OCT-86	02-DEC-86	1	39000	0.000001	0.000002	
S-43	21-OCT-86	02-DEC-86	1	47000	0.000000	0.000001	
S-44	21-OCT-86	02-DEC-86	1	42000	0.000004	0.000006	
S-31	02-DEC-86	23-DEC-86	1	19000	0.000001	0.000004	
S-32	02-DEC-86	23-DEC-86	1	19000	-0.000005	-0.000002	
S-33	02-DEC-86	23-DEC-86	1	24000	0.000012	0.000015	
S-34	02-DEC-86	23-DEC-86	1	22000	0.000001	0.000004	
S-35	02-DEC-86	23-DEC-86	1	25000	-0.000001	0.000001	
S-36	02-DEC-86	23-DEC-86	1	23000	0.000005	0.000008	
S-37	02-DEC-86	23-DEC-86	1	22000	-0.000002	0.000001	
S-38	02-DEC-86	23-DEC-86	1	21000	-0.000002	0.000001	

PLUTONIUM IN PERIMETER AMBIENT AIR - 1986

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-41	0.000003	0.000002	08	86
S-42	0.000006	0.000002	08	86
S-43	0.000006	0.000002	08	86
S-44	0.000002	0.000002	08	86
S-31	0.000004	0.000002	09	86
S-32	0.000001	0.000002	09	86
S-33	0.000002	0.000002	09	86
S-34	0.000004	0.000002	09	86
S-35	0.000002	0.000002	09	86
S-36	0.000005	0.000002	09	86
S-37	0.000005	0.000002	09	86
S-38	0.000004	0.000003	09	86
S-39	0.000077	0.000009	09	86
S-40	0.000003	0.000002	09	86
S-41	0.000001	0.000002	09	86
S-42	0.000003	0.000002	09	86
S-43	0.000005	0.000002	09	86
S-44	0.000002	0.000002	09	86
S-31	0.000002	0.000002	10	86
S-32	0.000002	0.000002	10	86
S-33	0.000003	0.000002	10	86
S-34	0.000007	0.000002	10	86
S-35	0.000002	0.000002	10	86
S-36	0.000003	0.000002	10	86
S-37	0.000005	0.000002	10	86
S-38	0.000006	0.000003	10	86
S-39	0.000002	0.000002	10	86
S-40	0.000003	0.000002	10	86
S-41	0.000002	0.000002	10	86
S-42	0.000002	0.000002	10	86
S-43	0.000003	0.000002	10	86
S-44	0.000000	0.000002	10	86
S-31	0.000008	0.000002	11	86
S-32	0.000014	0.000002	11	86
S-33	0.000002	0.000001	11	86
S-34	0.000001	0.000001	11	86
S-35	0.000001	0.000001	11	86
S-36	0.000006	0.000001	11	86
S-37	0.000005	0.000001	11	86
S-38	0.000003	0.000001	11	86
S-39	0.000002	0.000001	11	86
S-40	0.000002	0.000001	11	86
S-41	0.000001	0.000001	11	86
S-42	0.000003	0.000001	11	86
S-43	0.000002	0.000001	11	86
S-44	0.000008	0.000002	11	86
S-31	0.000007	0.000003	12	86
S-32	0.000001	0.000003	12	86
S-33	0.000018	0.000003	12	86
S-34	0.000007	0.000003	12	86
S-35	0.000003	0.000002	12	86
S-36	0.000011	0.000003	12	86
S-37	0.000004	0.000003	12	86
S-38	0.000004	0.000003	12	86

PLUTONIUM IN PERIMETER AMBIENT AIR - 1986

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT EST CONC (pCi/m ³)
S-39	02-DEC-86	23-DEC-86	1	10000	0.000002	0.000009
S-40	02-DEC-86	23-DEC-86	1	25000	0.000000	0.000002
S-41	02-DEC-86	23-DEC-86	1	19000	0.000000	0.000003
S-42	02-DEC-86	23-DEC-86	1	19000	-0.000002	0.000001
S-43	02-DEC-86	23-DEC-86	1	22000	-0.000002	0.000000
S-44	02-DEC-86	23-DEC-86	1	20000	-0.000002	0.000001

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-39	0.000016	0.000007	12	86
S-40	0.000004	0.000002	12	86
S-41	0.000006	0.000003	12	86
S-42	0.000004	0.000003	12	86
S-43	0.000002	0.000002	12	86
S-44	0.000004	0.000003	12	86

PLUTONIUM IN PERIMETER AMBIENT AIR - 1987

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-31	23-DEC-86	20-JAN-87	1	27000	-0.000001	0.000001
S-32	23-DEC-86	20-JAN-87	1	27000	0.000001	0.000003
S-33	23-DEC-86	20-JAN-87	1	32000	-0.000001	0.000001
S-34	23-DEC-86	20-JAN-87	1	28000	-0.000003	-0.000001
S-35	23-DEC-86	20-JAN-87	1	31000	-0.000003	-0.000001
S-36	23-DEC-86	20-JAN-87	1	26000	-0.000001	0.000001
S-37	23-DEC-86	20-JAN-87	1	29000	0.000001	0.000003
S-38	23-DEC-86	20-JAN-87	1	32000	0.000001	0.000003
S-39	23-DEC-86	20-JAN-87	1	31000	-0.000001	0.000001
S-40	23-DEC-86	20-JAN-87	1	33000	-0.000001	0.000001
S-41	23-DEC-86	20-JAN-87	1	29000	-0.000001	0.000001
S-42	23-DEC-86	20-JAN-87	1	26000	-0.000002	0.000000
S-43	23-DEC-86	20-JAN-87	1	29000	-0.000002	0.000000
S-44	23-DEC-86	20-JAN-87	1	27000	-0.000002	0.000000
S-31	20-JAN-87	17-FEB-87	0			
S-32	20-JAN-87	17-FEB-87	1	26000	-0.000002	0.000000
S-33	20-JAN-87	17-FEB-87	1	30000	0.000000	0.000002
S-34	20-JAN-87	17-FEB-87	1	27000	0.000001	0.000003
S-35	20-JAN-87	17-FEB-87	1	28000	-0.000003	-0.000001
S-36	20-JAN-87	17-FEB-87	1	25000	0.000018	0.000022
S-37	20-JAN-87	17-FEB-87	1	28000	0.000002	0.000004
S-38	20-JAN-87	17-FEB-87	1	30000	0.000000	0.000002
S-39	20-JAN-87	17-FEB-87	1	30000	-0.000001	0.000001
S-40	20-JAN-87	17-FEB-87	1	31000	-0.000003	-0.000001
S-41	20-JAN-87	17-FEB-87	1	27000	-0.000001	0.000001
S-42	20-JAN-87	17-FEB-87	1	24000	0.000000	0.000002
S-43	20-JAN-87	17-FEB-87	1	28000	0.000001	0.000003
S-44	20-JAN-87	17-FEB-87	1	22000	-0.000003	-0.000001
S-31	17-FEB-87	31-MAR-87	1	14000	0.000002	0.000006
S-32	17-FEB-87	31-MAR-87	1	40000	0.000000	0.000001
S-33	17-FEB-87	31-MAR-87	1	45000	0.000002	0.000003
S-34	17-FEB-87	31-MAR-87	1	41000	0.000001	0.000002
S-35	17-FEB-87	31-MAR-87	1	41000	0.000001	0.000002
S-36	17-FEB-87	31-MAR-87	1	39000	0.000001	0.000003
S-37	17-FEB-87	31-MAR-87	1	42000	0.000006	0.000008
S-38	17-FEB-87	31-MAR-87	1	46000	-0.000001	0.000000
S-39	17-FEB-87	31-MAR-87	1	47000	-0.000002	-0.000001
S-40	17-FEB-87	31-MAR-87	1	45000	0.000003	0.000005
S-41	17-FEB-87	31-MAR-87	1	43000	-0.000001	0.000001
S-42	17-FEB-87	31-MAR-87	1	38000	0.000000	0.000002
S-43	17-FEB-87	31-MAR-87	1	43000	0.000001	0.000002
S-44	17-FEB-87	31-MAR-87	1	33000	0.000001	0.000003
S-31	31-MAR-87	28-APR-87	1	30000	0.000000	0.000002
S-32	31-MAR-87	28-APR-87	1	24000	0.000011	0.000014
S-33	31-MAR-87	28-APR-87	1	28000	-0.000002	0.000000
S-34	31-MAR-87	28-APR-87	1	25000	-0.000001	0.000001
S-35	31-MAR-87	28-APR-87	1	14000	-0.000004	0.000000
S-36	31-MAR-87	28-APR-87	1	29000	0.000010	0.000013
S-37	31-MAR-87	28-APR-87	1	31000	0.000005	0.000007
S-38	31-MAR-87	28-APR-87	1	29000	0.000000	0.000002
S-39	31-MAR-87	28-APR-87	1	31000	-0.000001	0.000001
S-40	31-MAR-87	28-APR-87	1	22000	-0.000002	0.000001
S-41	31-MAR-87	28-APR-87	1	20000	-0.000002	0.000001
S-42	31-MAR-87	28-APR-87	1	31000	-0.000002	0.000000

PLUTONIUM IN PERIMETER AMBIENT AIR - 1987

LOCATION	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-31	0.000003	0.000002	01	87
S-32	0.000005	0.000002	01	87
S-33	0.000003	0.000002	01	87
S-34	0.000001	0.000002	01	87
S-35	0.000001	0.000002	01	87
S-36	0.000003	0.000002	01	87
S-37	0.000005	0.000002	01	87
S-38	0.000005	0.000002	01	87
S-39	0.000003	0.000002	01	87
S-40	0.000003	0.000002	01	87
S-41	0.000003	0.000002	01	87
S-42	0.000002	0.000002	01	87
S-43	0.000002	0.000002	01	87
S-44	0.000002	0.000002	01	87
S-31			02	87
S-32	0.000002	0.000002	02	87
S-33	0.000004	0.000002	02	87
S-34	0.000005	0.000002	02	87
S-35	0.000001	0.000002	02	87
S-36	0.000026	0.000004	02	87
S-37	0.000006	0.000002	02	87
S-38	0.000004	0.000002	02	87
S-39	0.000003	0.000002	02	87
S-40	0.000001	0.000002	02	87
S-41	0.000003	0.000002	02	87
S-42	0.000004	0.000002	02	87
S-43	0.000005	0.000002	02	87
S-44	0.000001	0.000002	02	87
S-31	0.000010	0.000004	03	87
S-32	0.000002	0.000001	03	87
S-33	0.000004	0.000001	03	87
S-34	0.000003	0.000001	03	87
S-35	0.000003	0.000001	03	87
S-36	0.000005	0.000002	03	87
S-37	0.000010	0.000002	03	87
S-38	0.000001	0.000001	03	87
S-39	0.000000	0.000001	03	87
S-40	0.000007	0.000002	03	87
S-41	0.000003	0.000002	03	87
S-42	0.000004	0.000002	03	87
S-43	0.000003	0.000001	03	87
S-44	0.000005	0.000002	03	87
S-31	0.000004	0.000002	04	87
S-32	0.000017	0.000003	04	87
S-33	0.000002	0.000002	04	87
S-34	0.000003	0.000002	04	87
S-35	0.000004	0.000004	04	87
S-36	0.000016	0.000003	04	87
S-37	0.000009	0.000002	04	87
S-38	0.000004	0.000002	04	87
S-39	0.000003	0.000002	04	87
S-40	0.000004	0.000003	04	87
S-41	0.000004	0.000003	04	87
S-42	0.000002	0.000002	04	87

PLUTONIUM IN PERIMETER AMBIENT AIR - 1987

LOCATION	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)	PT _{EST} CONC. (pCi/m ³)
S-43	31-MAR-87	28-APR-87	1	32000	-0.000001	0.000001
S-44	31-MAR-87	28-APR-87	1	30000	-0.000001	0.000001
S-31	28-APR-87	26-MAY-87	1	28000	-0.000001	0.000001
S-32	28-APR-87	26-MAY-87	1	22000	-0.000003	0.000000
S-33	28-APR-87	26-MAY-87	1	26000	-0.000002	0.000000
S-34	28-APR-87	26-MAY-87	1	24000	-0.000001	0.000002
S-35	28-APR-87	26-MAY-87	1	20000	-0.000001	0.000002
S-36	28-APR-87	26-MAY-87	1	27000	0.000002	0.000004
S-37	28-APR-87	26-MAY-87	1	13000	-0.000002	0.000002
S-38	28-APR-87	26-MAY-87	1	27000	-0.000002	0.000000
S-39	28-APR-87	26-MAY-87	1	28000	0.000002	0.000004
S-40	28-APR-87	26-MAY-87	1	20000	-0.000001	0.000002
S-41	28-APR-87	26-MAY-87	1	17000	-0.000001	0.000003
S-42	28-APR-87	26-MAY-87	1	29000	-0.000003	-0.000001
S-43	28-APR-87	26-MAY-87	1	30000	0.000000	0.000002
S-44	28-APR-87	26-MAY-87	1	27000	-0.000003	-0.000001
S-31	26-MAY-87	23-JUN-87	1	29000	-0.000002	0.000000
S-32	26-MAY-87	23-JUN-87	1	22000	-0.000003	0.000000
S-33	26-MAY-87	23-JUN-87	1	26000	0.000001	0.000003
S-34	26-MAY-87	23-JUN-87	1	23000	-0.000001	0.000002
S-35	26-MAY-87	23-JUN-87	1	21000	-0.000003	0.000000
S-36	26-MAY-87	23-JUN-87	1	27000	0.000000	0.000002
S-37	26-MAY-87	23-JUN-87	1	24000	0.000008	0.000011
S-38	26-MAY-87	23-JUN-87	1	17000	-0.000002	0.000002
S-39	26-MAY-87	23-JUN-87	1	31000	-0.000001	0.000001
S-40	26-MAY-87	23-JUN-87	1	25000	0.000003	0.000006
S-41	26-MAY-87	23-JUN-87	1	18000	-0.000001	0.000002
S-42	26-MAY-87	23-JUN-87	1	30000	0.000000	0.000002
S-43	26-MAY-87	23-JUN-87	1	31000	-0.000001	0.000001
S-44	26-MAY-87	23-JUN-87	1	28000	-0.000001	0.000001
S-31	23-JUN-87	05-AUG-87	1	42000	0.000001	0.000003
S-32	23-JUN-87	05-AUG-87	1	32000	0.000002	0.000004
S-33	23-JUN-87	05-AUG-87	1	40000	0.000002	0.000004
S-34	23-JUN-87	05-AUG-87	1	33000	0.000002	0.000004
S-35	23-JUN-87	04-AUG-87	1	30000	0.000006	0.000008
S-36	23-JUN-87	04-AUG-87	1	39000	0.000007	0.000009
S-37	23-JUN-87	04-AUG-87	1	42000	0.000008	0.000010
S-38	23-JUN-87	04-AUG-87	1	40000	0.000006	0.000008
S-39	23-JUN-87	04-AUG-87	1	43000	0.000001	0.000003
S-40	23-JUN-87	04-AUG-87	1	31000	-0.000002	0.000000
S-41	23-JUN-87	04-AUG-87	1	22000	0.000002	0.000005
S-42	23-JUN-87	04-AUG-87	1	43000	0.000002	0.000004
S-43	23-JUN-87	04-AUG-87	1	45000	0.000001	0.000002
S-44	23-JUN-87	04-AUG-87	1	40000	0.000008	0.000010
S-31	04-AUG-87	01-SEP-87	1	29000	0.000010	0.000013
S-32	04-AUG-87	01-SEP-87	1	23000	-0.000003	0.000000
S-33	04-AUG-87	01-SEP-87	1	27000	-0.000002	0.000000
S-34	04-AUG-87	01-SEP-87	1	24000	0.000232	0.000263
S-35	04-AUG-87	01-SEP-87	1	21000	-0.000003	0.000000
S-36	04-AUG-87	01-SEP-87	1	28000	0.000000	0.000002
S-37	04-AUG-87	01-SEP-87	1	29000	0.000004	0.000006
S-38	04-AUG-87	01-SEP-87	1	28000	0.000001	0.000003
S-39	04-AUG-87	01-SEP-87	1	31000	-0.000002	0.000000
S-40	04-AUG-87	01-SEP-87	1	21000	-0.000002	0.000001

PLUTONIUM IN PERIMETER AMBIENT AIR - 1987

LOCATION	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-43	0.000003	0.000002	04	87
S-44	0.000003	0.000002	04	87
S-31	0.000003	0.000002	05	87
S-32	0.000003	0.000003	05	87
S-33	0.000002	0.000002	05	87
S-34	0.000005	0.000003	05	87
S-35	0.000005	0.000003	05	87
S-36	0.000006	0.000002	05	87
S-37	0.000006	0.000004	05	87
S-38	0.000002	0.000002	05	87
S-39	0.000006	0.000002	05	87
S-40	0.000005	0.000003	05	87
S-41	0.000007	0.000004	05	87
S-42	0.000001	0.000002	05	87
S-43	0.000004	0.000002	05	87
S-44	0.000001	0.000002	05	87
S-31	0.000002	0.000002	06	87
S-32	0.000003	0.000003	06	87
S-33	0.000005	0.000002	06	87
S-34	0.000005	0.000003	06	87
S-35	0.000003	0.000003	06	87
S-36	0.000004	0.000002	06	87
S-37	0.000014	0.000003	06	87
S-38	0.000006	0.000004	06	87
S-39	0.000003	0.000002	06	87
S-40	0.000009	0.000003	06	87
S-41	0.000005	0.000003	06	87
S-42	0.000004	0.000002	06	87
S-43	0.000003	0.000002	06	87
S-44	0.000003	0.000002	06	87
S-31	0.000005	0.000002	07	87
S-32	0.000006	0.000002	07	87
S-33	0.000006	0.000002	07	87
S-34	0.000006	0.000002	07	87
S-35	0.000010	0.000002	07	87
S-36	0.000011	0.000002	07	87
S-37	0.000012	0.000002	07	87
S-38	0.000010	0.000002	07	87
S-39	0.000005	0.000002	07	87
S-40	0.000002	0.000002	07	87
S-41	0.000008	0.000003	07	87
S-42	0.000006	0.000002	07	87
S-43	0.000003	0.000001	07	87
S-44	0.000012	0.000002	07	87
S-31	0.000016	0.000003	08	87
S-32	0.000003	0.000003	08	87
S-33	0.000002	0.000002	08	87
S-34	0.000294	0.000031	08	87
S-35	0.000003	0.000003	08	87
S-36	0.000004	0.000002	08	87
S-37	0.000008	0.000002	08	87
S-38	0.000005	0.000002	08	87
S-39	0.000002	0.000002	08	87
S-40	0.000004	0.000003	08	87

APPENDIX I-3
COMMUNITY SAMPLERS

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1977

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	01-OCT-77	31-OCT-77	2	34000	
S-52	JEFFCO AIRPORT	01-OCT-77	31-OCT-77	2	26000	
S-53	SUPERIOR	01-OCT-77	31-OCT-77	2	23000	
S-54	BOULDER	01-OCT-77	31-OCT-77	2	28000	
S-55	LAFAYETTE	01-OCT-77	31-OCT-77	2	27000	
S-56	BROOMFIELD	01-OCT-77	31-OCT-77	2	39000	
S-57	WALNUT CREEK	01-OCT-77	31-OCT-77	2	35000	
S-58	WAGNER	01-OCT-77	31-OCT-77	1	9000	
S-59	LEYDEN	01-OCT-77	31-OCT-77	2	26000	
S-60	WESTMINSTER	01-OCT-77	31-OCT-77	2	33000	
S-61	DENVER	01-OCT-77	31-OCT-77	2	23000	
S-62	GOLDEN	01-OCT-77	31-OCT-77	2	16000	
S-51	MARSHALL	01-NOV-77	30-NOV-77	2	34000	
S-52	JEFFCO AIRPORT	01-NOV-77	30-NOV-77	2	35000	
S-53	SUPERIOR	01-NOV-77	30-NOV-77	2	34000	
S-54	BOULDER	01-NOV-77	30-NOV-77	2	38000	
S-55	LAFAYETTE	01-NOV-77	30-NOV-77	2	37000	
S-56	BROOMFIELD	01-NOV-77	30-NOV-77	2	39000	
S-57	WALNUT CREEK	01-NOV-77	30-NOV-77	2	36000	
S-58	WAGNER	01-NOV-77	30-NOV-77	2	36000	
S-59	LEYDEN	01-NOV-77	30-NOV-77	2	35000	
S-60	WESTMINSTER	01-NOV-77	30-NOV-77	2	33000	
S-61	DENVER	01-NOV-77	30-NOV-77	2	29000	
S-62	GOLDEN	01-NOV-77	30-NOV-77	2	35000	
S-51	MARSHALL	01-DEC-77	31-DEC-77	2	33000	
S-52	JEFFCO AIRPORT	01-DEC-77	31-DEC-77	2	37000	
S-53	SUPERIOR	01-DEC-77	31-DEC-77	2	35000	
S-54	BOULDER	01-DEC-77	31-DEC-77	2	38000	
S-55	LAFAYETTE	01-DEC-77	31-DEC-77	2	37000	
S-56	BROOMFIELD	01-DEC-77	31-DEC-77	2	38000	
S-57	WALNUT CREEK	01-DEC-77	31-DEC-77	2	38000	
S-58	WAGNER	01-DEC-77	31-DEC-77	2	34000	
S-59	LEYDEN	01-DEC-77	31-DEC-77	2	36000	
S-60	WESTMINSTER	01-DEC-77	31-DEC-77	2	33000	
S-61	DENVER	01-DEC-77	31-DEC-77	2	30000	
S-62	GOLDEN	01-DEC-77	31-DEC-77	2	35000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1977

LOCATION	PT _{EST} CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	0.000080			10	77
S-52	0.000040			10	77
S-53	0.000060			10	77
S-54	0.000040			10	77
S-55	0.000040			10	77
S-56	0.000050			10	77
S-57	0.000070			10	77
S-58	0.000070			10	77
S-59	0.000050			10	77
S-60	0.000060			10	77
S-61	0.000050			10	77
S-62	0.000070			10	77
S-51	0.000040			11	77
S-52	0.000060			11	77
S-53	0.000050			11	77
S-54	0.000040			11	77
S-55	0.000050			11	77
S-56	0.000030			11	77
S-57	0.000050			11	77
S-58	0.000060			11	77
S-59	0.000050			11	77
S-60	0.000040			11	77
S-61	0.000050			11	77
S-62	0.000050			11	77
S-51	0.000020			12	77
S-52	0.000030			12	77
S-53	0.000060			12	77
S-54	0.000020			12	77
S-55	0.000040			12	77
S-56	0.000030			12	77
S-57	0.000030			12	77
S-58	0.000040			12	77
S-59	0.000030			12	77
S-60	0.000040			12	77
S-61	0.000040			12	77
S-62	0.000040			12	77

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1978

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	01-JAN-78	31-JAN-78	3	53000	
S-52	JEFFCO AIRPORT	01-JAN-78	31-JAN-78	3	53000	
S-53	SUPERIOR	01-JAN-78	31-JAN-78	3	52000	
S-54	BOULDER	01-JAN-78	31-JAN-78	3	55000	
S-55	LAFAYETTE	01-JAN-78	31-JAN-78	3	54000	
S-56	BROOMFIELD	01-JAN-78	31-JAN-78	3	54000	
S-57	WALNUT CREEK	01-JAN-78	31-JAN-78	3	55000	
S-58	WAGNER	01-JAN-78	31-JAN-78	3	56000	
S-59	LEYDEN	01-JAN-78	31-JAN-78	3	53000	
S-60	WESTMINSTER	01-JAN-78	31-JAN-78	3	49000	
S-61	DENVER	01-JAN-78	31-JAN-78	3	45000	
S-62	GOLDEN	01-JAN-78	31-JAN-78	3	53000	
S-51	MARSHALL	01-FEB-78	31-MAR-78	2	34000	
S-52	JEFFCO AIRPORT	01-FEB-78	31-MAR-78	2	36000	
S-53	SUPERIOR	01-FEB-78	31-MAR-78	2	34000	
S-54	BOULDER	01-FEB-78	31-MAR-78	2	36000	
S-55	LAFAYETTE	01-FEB-78	31-MAR-78	2	36000	
S-56	BROOMFIELD	01-FEB-78	31-MAR-78	2	37000	
S-57	WALNUT CREEK	01-FEB-78	31-MAR-78	2	37000	
S-58	WAGNER	01-FEB-78	31-MAR-78	2	36000	
S-59	LEYDEN	01-FEB-78	31-MAR-78	2	35000	
S-60	WESTMINSTER	01-FEB-78	31-MAR-78	2	33000	
S-61	DENVER	01-FEB-78	31-MAR-78	2	30000	
S-62	GOLDEN	01-FEB-78	31-MAR-78	2	35000	
S-51	MARSHALL	01-MAR-78	31-MAR-78	2	40000	
S-52	JEFFCO AIRPORT	01-MAR-78	31-MAR-78	2	44000	
S-53	SUPERIOR	01-MAR-78	31-MAR-78	2	26000	
S-54	BOULDER	01-MAR-78	31-MAR-78	2	44000	
S-55	LAFAYETTE	01-MAR-78	31-MAR-78	2	45000	
S-56	BROOMFIELD	01-MAR-78	31-MAR-78	2	46000	
S-57	WALNUT CREEK	01-MAR-78	31-MAR-78	2	46000	
S-58	WAGNER	01-MAR-78	31-MAR-78	2	46000	
S-59	LEYDEN	01-MAR-78	31-MAR-78	2	44000	
S-60	WESTMINSTER	01-MAR-78	31-MAR-78	1	17000	
S-61	DENVER	01-MAR-78	31-MAR-78	1	16000	
S-62	GOLDEN	01-MAR-78	31-MAR-78	2	44000	
S-51	MARSHALL	01-APR-78	30-APR-78	1	33000	
S-52	JEFFCO AIRPORT	01-APR-78	30-APR-78	1	35000	
S-53	SUPERIOR	01-APR-78	30-APR-78	1	24000	
S-54	BOULDER	01-APR-78	30-APR-78	1	36000	
S-55	LAFAYETTE	01-APR-78	30-APR-78	1	34000	
S-56	BROOMFIELD	01-APR-78	30-APR-78	1	36000	
S-57	WALNUT CREEK	01-APR-78	30-APR-78	1	35000	
S-58	WAGNER	01-APR-78	30-APR-78	1	36000	
S-59	LEYDEN	01-APR-78	30-APR-78	1	37000	
S-60	WESTMINSTER	01-APR-78	30-APR-78	1	32000	
S-61	DENVER	01-APR-78	30-APR-78	1	30000	
S-62	GOLDEN	01-APR-78	30-APR-78	1	34000	
S-51	MARSHALL	01-MAY-78	31-MAY-78	1	33000	
S-52	JEFFCO AIRPORT	01-MAY-78	31-MAY-78	1	34000	
S-53	SUPERIOR	01-MAY-78	31-MAY-78	1	33000	
S-54	BOULDER	01-MAY-78	31-MAY-78	1	36000	
S-55	LAFAYETTE	01-MAY-78	31-MAY-78	1	35000	
S-56	BROOMFIELD	01-MAY-78	31-MAY-78	1	37000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1978

LOCATION	PT _{EST} CONC (pCi/m^3)	UCL (pCi/m^3)	ERROR (pCi/m^3)	MONTH	YEAR
S-51	0.00004			01	78
S-52	0.00003			01	78
S-53	0.00005			01	78
S-54	0.00004			01	78
S-55	0.00004			01	78
S-56	0.00003			01	78
S-57	0.00004			01	78
S-58	0.00006			01	78
S-59	0.00004			01	78
S-60	0.00004			01	78
S-61	0.00004			01	78
S-62	0.00004			01	78
S-51	0.00004			02	78
S-52	0.00005			02	78
S-53	0.00004			02	78
S-54	0.00004			02	78
S-55	0.00005			02	78
S-56	0.00004			02	78
S-57	0.00003			02	78
S-58	0.00005			02	78
S-59	0.00005			02	78
S-60	0.00006			02	78
S-61	0.00004			02	78
S-62	0.00003			02	78
S-51	0.00021			03	78
S-52	0.00025			03	78
S-53	0.00012			03	78
S-54	0.00019			03	78
S-55	0.00020			03	78
S-56	0.00016			03	78
S-57	0.00015			03	78
S-58	0.00017			03	78
S-59	0.00014			03	78
S-60	0.00005			03	78
S-61	0.00006			03	78
S-62	0.00013			03	78
S-51	0.00021			04	78
S-52	0.00012			04	78
S-53	0.00019			04	78
S-54	0.00033			04	78
S-55	0.00019			04	78
S-56	0.00014			04	78
S-57	0.00043			04	78
S-58	0.00009			04	78
S-59	0.00011			04	78
S-60	0.00011			04	78
S-61	0.00015			04	78
S-62	0.00011			04	78
S-51	0.00011			05	78
S-52	0.00005			05	78
S-53	0.00009			05	78
S-54	0.00007			05	78
S-55	0.00009			05	78
S-56	0.00009			05	78

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1978

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-57	WALNUT CREEK	01-MAY-78	31-MAY-78	1	36000	
S-58	WAGNER	01-MAY-78	31-MAY-78	1	35000	
S-59	LEYDEN	01-MAY-78	31-MAY-78	1	35000	
S-60	WESTMINSTER	01-MAY-78	31-MAY-78	1	33000	
S-61	DENVER	01-MAY-78	31-MAY-78	1	30000	
S-62	GOLDEN	01-MAY-78	31-MAY-78	1	34000	
S-51	MARSHALL	01-JUN-78	30-JUN-78	1	32000	
S-52	JEFFCO AIRPORT	01-JUN-78	30-JUN-78	1	32000	
S-53	SUPERIOR	01-JUN-78	30-JUN-78	1	33000	
S-54	BOULDER	01-JUN-78	30-JUN-78	1	35000	
S-55	LAFAYETTE	01-JUN-78	30-JUN-78	1	35000	
S-56	BROOMFIELD	01-JUN-78	30-JUN-78	1	36000	
S-57	WALNUT CREEK	01-JUN-78	30-JUN-78	1	34000	
S-58	WAGNER	01-JUN-78	30-JUN-78	1	36000	
S-59	LEYDEN	01-JUN-78	30-JUN-78	1	36000	
S-60	WESTMINSTER	01-JUN-78	30-JUN-78	1	35000	
S-61	DENVER	01-JUN-78	30-JUN-78	1	30000	
S-62	GOLDEN	01-JUN-78	30-JUN-78	1	34000	
S-51	MARSHALL	01-JUL-78	31-JUL-78	1	32000	
S-52	JEFFCO AIRPORT	01-JUL-78	31-JUL-78	1	31000	
S-53	SUPERIOR	01-JUL-78	31-JUL-78	1	32000	
S-54	BOULDER	01-JUL-78	31-JUL-78	1	35000	
S-55	LAFAYETTE	01-JUL-78	31-JUL-78	1	35000	
S-56	BROOMFIELD	01-JUL-78	31-JUL-78	1	18000	
S-57	WALNUT CREEK	01-JUL-78	31-JUL-78	1	33000	
S-58	WAGNER	01-JUL-78	31-JUL-78	1	35000	
S-59	LEYDEN	01-JUL-78	31-JUL-78	1	34000	
S-60	WESTMINSTER	01-JUL-78	31-JUL-78	1	32000	
S-61	DENVER	01-JUL-78	31-JUL-78	1	29000	
S-62	GOLDEN	01-JUL-78	31-JUL-78	1	33000	
S-51	MARSHALL	20-JUL-78	17-AUG-78	1	33000	
S-52	JEFFCO AIRPORT	20-JUL-78	17-AUG-78	1	31000	
S-53	SUPERIOR	20-JUL-78	17-AUG-78	1	32000	
S-54	BOULDER	20-JUL-78	17-AUG-78	1	36000	
S-55	LAFAYETTE	20-JUL-78	17-AUG-78	1	35000	
S-56	BROOMFIELD	20-JUL-78	17-AUG-78	1	36000	
S-57	WALNUT CREEK	20-JUL-78	17-AUG-78	1	34000	
S-58	WAGNER	20-JUL-78	17-AUG-78	1	35000	
S-59	LEYDEN	20-JUL-78	17-AUG-78	1	33000	
S-60	WESTMINSTER	20-JUL-78	17-AUG-78	1	32000	
S-61	DENVER	20-JUL-78	17-AUG-78	1	30000	
S-62	GOLDEN	20-JUL-78	17-AUG-78	1	33000	
S-51	MARSHALL	17-AUG-78	14-SEP-78	1	31000	
S-52	JEFFCO AIRPORT	17-AUG-78	14-SEP-78	1	31000	
S-53	SUPERIOR	17-AUG-78	14-SEP-78	1	31000	
S-54	BOULDER	17-AUG-78	14-SEP-78	1	35000	
S-55	LAFAYETTE	17-AUG-78	14-SEP-78	1	33000	
S-56	BROOMFIELD	17-AUG-78	14-SEP-78	1	25000	
S-57	WALNUT CREEK	17-AUG-78	14-SEP-78	1	34000	
S-58	WAGNER	17-AUG-78	14-SEP-78	1	35000	
S-59	LEYDEN	17-AUG-78	14-SEP-78	1	33000	
S-60	WESTMINSTER	17-AUG-78	14-SEP-78	1	31000	
S-61	DENVER	17-AUG-78	14-SEP-78	1	29000	
S-62	GOLDEN	17-AUG-78	14-SEP-78	1	32000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1978

LOCATION	PT EST CONC (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-57	0.00006			05	78
S-58	0.00012			05	78
S-59	0.00007			05	78
S-60	0.00008			05	78
S-61	0.00009			05	78
S-62	0.00008			05	78
S-51	0.00004			06	78
S-52	0.00012			06	78
S-53	0.00005			06	78
S-54	0.00004			06	78
S-55	0.00009			06	78
S-56	0.00005			06	78
S-57	0.00007			06	78
S-58	0.00006			06	78
S-59	0.00005			06	78
S-60	0.00004			06	78
S-61	0.00006			06	78
S-62	0.00006			06	78
S-51	0.00009			07	78
S-52	0.00006			07	78
S-53	0.00008			07	78
S-54	0.00004			07	78
S-55	0.00005			07	78
S-56	0.00008			07	78
S-57	0.00006			07	78
S-58	0.00006			07	78
S-59	0.00010			07	78
S-60	0.00009			07	78
S-61	0.00008			07	78
S-62	0.00005			07	78
S-51	0.00005			08	78
S-52	0.00003			08	78
S-53	0.00004			08	78
S-54	0.00004			08	78
S-55	0.00003			08	78
S-56	0.00004			08	78
S-57	0.00004			08	78
S-58	0.00004			08	78
S-59	0.00003			08	78
S-60	0.00005			08	78
S-61	0.00005			08	78
S-62	0.00003			08	78
S-51	0.00002			09	78
S-52	0.00002			09	78
S-53	0.00003			09	78
S-54	0.00003			09	78
S-55	0.00002			09	78
S-56	0.00002			09	78
S-57	0.00002			09	78
S-58	0.00002			09	78
S-59	0.00002			09	78
S-60	0.00002			09	78
S-61	0.00002			09	78
S-62	0.00002			09	78

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1978

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	14-SEP-78	12-OCT-78	1	33000	
S-52	JEFFCO AIRPORT	14-SEP-78	12-OCT-78	1	23000	
S-53	SUPERIOR	14-SEP-78	12-OCT-78	1	33000	
S-54	BOULDER	14-SEP-78	12-OCT-78	1	34000	
S-55	LAFAYETTE	14-SEP-78	12-OCT-78	1	25000	
S-56	BROOMFIELD	14-SEP-78	12-OCT-78	1	34000	0
S-57	WALNUT CREEK	14-SEP-78	12-OCT-78	1	25000	
S-58	WAGNER	14-SEP-78	12-OCT-78	1	34000	
S-59	LEYDEN	14-SEP-78	12-OCT-78	1	35000	
S-60	WESTMINSTER	14-SEP-78	12-OCT-78	1	36000	
S-61	DENVER	14-SEP-78	12-OCT-78	1	34000	
S-62	GOLDEN	14-SEP-78	12-OCT-78	1	31000	0
S-51	MARSHALL	12-OCT-78	09-NOV-78	1	34000	
S-52	JEFFCO AIRPORT	12-OCT-78	09-NOV-78	1	33000	0
S-53	SUPERIOR	12-OCT-78	09-NOV-78	1	33000	0
S-54	BOULDER	12-OCT-78	09-NOV-78	1	35000	0
S-55	LAFAYETTE	12-OCT-78	09-NOV-78	1	35000	
S-56	BROOMFIELD	12-OCT-78	09-NOV-78	1	36000	0
S-57	WALNUT CREEK	12-OCT-78	09-NOV-78	1	36000	
S-58	WAGNER	12-OCT-78	09-NOV-78	1	36000	
S-59	LEYDEN	12-OCT-78	09-NOV-78	1	35000	
S-60	WESTMINSTER	12-OCT-78	09-NOV-78	1	31000	0
S-61	DENVER	12-OCT-78	09-NOV-78	1	29000	
S-62	GOLDEN	12-OCT-78	09-NOV-78	1	26000	0
S-51	MARSHALL	09-NOV-78	04-JAN-79	2	71000	0
S-52	JEFFCO AIRPORT	09-NOV-78	04-JAN-79	2	72000	0
S-53	SUPERIOR	09-NOV-78	04-JAN-79	2	74000	
S-54	BOULDER	09-NOV-78	04-JAN-79	2	73000	
S-55	LAFAYETTE	09-NOV-78	04-JAN-79	2	73000	
S-56	BROOMFIELD	09-NOV-78	04-JAN-79	2	73000	0
S-57	WALNUT CREEK	09-NOV-78	04-JAN-79	2	75000	
S-58	WAGNER	09-NOV-78	04-JAN-79	2	73000	0
S-59	LEYDEN	09-NOV-78	04-JAN-79	2	72000	0
S-60	WESTMINSTER	09-NOV-78	04-JAN-79	2	65000	0
S-61	DENVER	09-NOV-78	04-JAN-79	2	57000	0
S-62	GOLDEN	09-NOV-78	04-JAN-79	2	71000	0

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1978

LOCATION	PT EST. CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	0.00003			10	78
S-52	0.00004			10	78
S-53	0.00002			10	78
S-54	0.00002			10	78
S-55	0.00002			10	78
S-56	0.00002	0.00002	<	10	78
S-57	0.00003			10	78
S-58	0.00003			10	78
S-59	0.00002			10	78
S-60	0.00002			10	78
S-61	0.00003			10	78
S-62	0.00002	0.00002	<	10	78
S-51	0.00002			11	78
S-52	0.00002	0.00002	<	11	78
S-53	0.00002	0.00002	<	11	78
S-54	0.00002	0.00002	<	11	78
S-55	0.00003			11	78
S-56	0.00002	0.00002	<	11	78
S-57	0.00002			11	78
S-58	0.00002			11	78
S-59	0.00012			11	78
S-60	0.00002	0.00002	<	11	78
S-61	0.00002			11	78
S-62	0.00002	0.00002	<	11	78
S-51	0.00002	0.00002	<	12	78
S-52	0.00002	0.00002	<	12	78
S-53	0.00009			12	78
S-54	0.00002	0.00002	<	12	78
S-55	0.00002			12	78
S-56	0.00002	0.00002	<	12	78
S-57	0.00003			12	78
S-58	0.00002	0.00002	<	12	78
S-59	0.00002	0.00002	<	12	78
S-60	0.00002	0.00002	<	12	78
S-61	0.00002	0.00002	<	12	78
S-62	0.00002	0.00002	<	12	78

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1979

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	04-JAN-79	04-FEB-79	1	36000	0
S-52	JEFFCO AIRPORT	04-JAN-79	04-FEB-79	1	36000	0
S-53	SUPERIOR	04-JAN-79	04-FEB-79	1	36000	0
S-54	BOULDER	04-JAN-79	04-FEB-79	1	37000	0
S-55	LAFAYETTE	04-JAN-79	04-FEB-79	1	37000	0
S-56	BROOMFIELD	04-JAN-79	04-FEB-79	1	35000	0
S-57	WALNUT CREEK	04-JAN-79	04-FEB-79	1	38000	0
S-58	WAGNER	04-JAN-79	04-FEB-79	1	38000	0
S-59	LEYDEN	04-JAN-79	04-FEB-79	1	36000	0
S-60	WESTMINSTER	04-JAN-79	04-FEB-79	1	34000	0
S-61	DENVER	04-JAN-79	04-FEB-79	1	28000	0
S-62	GOLDEN	04-JAN-79	04-FEB-79	1	35000	0
S-51	MARSHALL	01-FEB-79	01-MAR-79	1	38000	0
S-52	JEFFCO AIRPORT	01-FEB-79	01-MAR-79	1	39000	0
S-53	SUPERIOR	01-FEB-79	01-MAR-79	1	39000	0
S-54	BOULDER	01-FEB-79	01-MAR-79	1	39000	0
S-55	LAFAYETTE	01-FEB-79	01-MAR-79	1	38000	0
S-56	BROOMFIELD	01-FEB-79	01-MAR-79	1	40000	0
S-57	WALNUT CREEK	01-FEB-79	01-MAR-79	1	31000	0
S-58	WAGNER	01-FEB-79	01-MAR-79	1	39000	0
S-59	LEYDEN	01-FEB-79	01-MAR-79	1	38000	0
S-60	WESTMINSTER	01-FEB-79	01-MAR-79	1	35000	0
S-61	DENVER	01-FEB-79	01-MAR-79	1	32000	0
S-62	GOLDEN	01-FEB-79	01-MAR-79	1	37000	0
S-53	SUPERIOR	01-MAR-79	29-MAR-79	1	13000	0
S-54	BOULDER	01-MAR-79	29-MAR-79	1	35000	0
S-55	LAFAYETTE	01-MAR-79	29-MAR-79	1	37000	0
S-56	BROOMFIELD	01-MAR-79	29-MAR-79	1	39000	0
S-58	WAGNER	01-MAR-79	29-MAR-79	1	38000	0
S-59	LEYDEN	01-MAR-79	29-MAR-79	1	28000	0
S-60	WESTMINSTER	01-MAR-79	29-MAR-79	1	35000	0
S-61	DENVER	01-MAR-79	29-MAR-79	1	31000	0
S-62	GOLDEN	01-MAR-79	29-MAR-79	1	36000	0
S-53	SUPERIOR	29-MAR-79	26-APR-79	1	35000	0
S-54	BOULDER	29-MAR-79	26-APR-79	0		
S-55	LAFAYETTE	29-MAR-79	26-APR-79	1	35000	0
S-56	BROOMFIELD	29-MAR-79	26-APR-79	1	37000	0
S-58	WAGNER	29-MAR-79	26-APR-79	1	37000	0
S-59	LEYDEN	29-MAR-79	26-APR-79	1	39000	0
S-60	WESTMINSTER	29-MAR-79	26-APR-79	1	34000	0
S-61	DENVER	29-MAR-79	26-APR-79	1	32000	0
S-62	GOLDEN	29-MAR-79	26-APR-79	1	35000	0
S-53	SUPERIOR	26-APR-79	24-MAY-79	1	36000	0
S-54	BOULDER	26-APR-79	24-MAY-79	1	36000	0
S-55	LAFAYETTE	26-APR-79	24-MAY-79	1	36000	0
S-56	BROOMFIELD	26-APR-79	24-MAY-79	1	37000	0
S-58	WAGNER	26-APR-79	24-MAY-79	1	38000	0
S-59	LEYDEN	26-APR-79	24-MAY-79	1	39000	0
S-60	WESTMINSTER	26-APR-79	24-MAY-79	1	34000	0
S-61	DENVER	26-APR-79	24-MAY-79	1	31000	0
S-62	GOLDEN	26-APR-79	24-MAY-79	1	35000	0
S-53	SUPERIOR	24-MAY-79	22-JUN-79	1	34000	0
S-54	BOULDER	24-MAY-79	22-JUN-79	1	36000	0
S-55	LAFAYETTE	24-MAY-79	22-JUN-79	1	35000	0

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1979

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	0.00002	0.00002	<	01	79
S-52	0.00002	0.00002	<	01	79
S-53	0.00002	0.00002	<	01	79
S-54	0.00002	0.00002	<	01	79
S-55	0.00002	0.00002	<	01	79
S-56	0.00002	0.00002	<	01	79
S-57	0.00002	0.00002	<	01	79
S-58	0.00002	0.00002	<	01	79
S-59	0.00002	0.00002	<	01	79
S-60	0.00002	0.00002	<	01	79
S-61	0.00002	0.00002	<	01	79
S-62	0.00002	0.00002	<	01	79
S-51	0.00002	0.00002	<	02	79
S-52	0.00002	0.00002	<	02	79
S-53	0.00002	0.00002	<	02	79
S-54	0.00002	0.00002	<	02	79
S-55	0.00002	0.00002	<	02	79
S-56	0.00002	0.00002	<	02	79
S-57	0.00002			02	79
S-58	0.00004			02	79
S-59	0.00002	0.00002	<	02	79
S-60	0.00002	0.00002	<	02	79
S-61	0.00002			02	79
S-62	0.00002	0.00002	<	02	79
S-53	0.00002	0.00002	<	03	79
S-54	0.00002	0.00002	<	03	79
S-55	0.00002	0.00002	<	03	79
S-56	0.00002	0.00002	<	03	79
S-58	0.00002			03	79
S-59	0.00007			03	79
S-60	0.00002			03	79
S-61	0.00002			03	79
S-62	0.00002			03	79
S-53	0.00002			04	79
S-54				04	79
S-55	0.00003			04	79
S-56	0.00002			04	79
S-58	0.00003			04	79
S-59	0.00002			04	79
S-60	0.00006			04	79
S-61	0.00003			04	79
S-62	0.00002			04	79
S-53	0.00003			05	79
S-54	0.00006			05	79
S-55	0.00002			05	79
S-56	0.00010			05	79
S-58	0.00003			05	79
S-59	0.00002			05	79
S-60	0.00003			05	79
S-61	0.00003			05	79
S-62	0.00009			05	79
S-53	0.00003			06	79
S-54	0.00003			06	79
S-55	0.00003			06	79

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1979

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-56	BROOMFIELD	24-MAY-79	22-JUN-79	1	36000	
S-58	WAGNER	24-MAY-79	22-JUN-79	1	35000	
S-59	LEYDEN	24-MAY-79	22-JUN-79	1	37000	0
S-60	WESTMINSTER	24-MAY-79	22-JUN-79	1	33000	
S-61	DENVER	24-MAY-79	22-JUN-79	1	30000	
S-62	GOLDEN	24-MAY-79	22-JUN-79	1	34000	
S-53	SUPERIOR	22-JUN-79	19-JUL-79	1	35000	0
S-54	BOULDER	22-JUN-79	19-JUL-79	1	36000	
S-55	LAFAYETTE	22-JUN-79	19-JUL-79	1	35000	
S-56	BROOMFIELD	22-JUN-79	19-JUL-79	1	36000	0
S-58	WAGNER	22-JUN-79	19-JUL-79	1	36000	0
S-59	LEYDEN	22-JUN-79	19-JUL-79	1	37000	
S-60	WESTMINSTER	22-JUN-79	19-JUL-79	1	33000	0
S-61	DENVER	22-JUN-79	19-JUL-79	1	30000	0
S-62	GOLDEN	22-JUN-79	19-JUL-79	0		
S-53	SUPERIOR	19-JUL-79	16-AUG-79	1	32000	0
S-54	BOULDER	19-JUL-79	16-AUG-79	1	35000	0
S-55	LAFAYETTE	19-JUL-79	16-AUG-79	1	37000	0
S-56	BROOMFIELD	19-JUL-79	16-AUG-79	1	35000	0
S-58	WAGNER	19-JUL-79	16-AUG-79	1	35000	0
S-59	LEYDEN	19-JUL-79	16-AUG-79	1	37000	0
S-60	WESTMINSTER	19-JUL-79	16-AUG-79	1	32000	0
S-61	DENVER	19-JUL-79	16-AUG-79	1	25000	0
S-62	GOLDEN	19-JUL-79	16-AUG-79	1	33000	0
S-53	SUPERIOR	16-AUG-79	13-SEP-79	1	35000	0
S-54	BOULDER	16-AUG-79	13-SEP-79	1	36000	0
S-55	LAFAYETTE	16-AUG-79	13-SEP-79	1	39000	0
S-56	BROOMFIELD	16-AUG-79	13-SEP-79	1	37000	0
S-58	WAGNER	16-AUG-79	13-SEP-79	1	36000	0
S-59	LEYDEN	16-AUG-79	13-SEP-79	1	38000	0
S-60	WESTMINSTER	16-AUG-79	13-SEP-79	1	33000	0
S-61	DENVER	16-AUG-79	13-SEP-79	1	31000	0
S-62	GOLDEN	16-AUG-79	13-SEP-79	1	35000	0
S-53	SUPERIOR	13-SEP-79	11-OCT-79	1	35000	0
S-54	BOULDER	13-SEP-79	11-OCT-79	1	36000	0
S-55	LAFAYETTE	13-SEP-79	11-OCT-79	1	38000	0
S-56	BROOMFIELD	13-SEP-79	11-OCT-79	1	36000	0
S-58	WAGNER	13-SEP-79	11-OCT-79	1	35000	0
S-59	LEYDEN	13-SEP-79	11-OCT-79	1	37000	0
S-60	WESTMINSTER	13-SEP-79	11-OCT-79	1	33000	0
S-61	DENVER	13-SEP-79	11-OCT-79	1	28000	0
S-62	GOLDEN	13-SEP-79	11-OCT-79	1	32000	0
S-53	SUPERIOR	11-OCT-79	08-NOV-79	1	38000	0
S-54	BOULDER	11-OCT-79	08-NOV-79	1	36000	
S-55	LAFAYETTE	11-OCT-79	08-NOV-79	1	39000	0
S-56	BROOMFIELD	11-OCT-79	08-NOV-79	1	37000	
S-58	WAGNER	11-OCT-79	08-NOV-79	1	37000	0
S-59	LEYDEN	11-OCT-79	08-NOV-79	1	40000	0
S-60	WESTMINSTER	11-OCT-79	08-NOV-79	1	36000	
S-61	DENVER	11-OCT-79	08-NOV-79	0		
S-62	GOLDEN	11-OCT-79	08-NOV-79	1	36000	
S-53	SUPERIOR	08-NOV-79	14-DEC-79	1	49000	0
S-54	BOULDER	08-NOV-79	14-DEC-79	1	47000	0
S-55	LAFAYETTE	08-NOV-79	14-DEC-79	1	48000	0

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1979

LOCATION	PT _{EST} CONC. ($\mu\text{Ci}/\text{m}^3$)	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-56	0.00002			06	79
S-58	0.00002			06	79
S-59	0.00002	0.00002	<	06	79
S-60	0.00005			06	79
S-61	0.00003			06	79
S-62	0.00002			06	79
S-53	0.00002	0.00002	<	07	79
S-54	0.00002			07	79
S-55	0.00002			07	79
S-56	0.00002	0.00002	<	07	79
S-58	0.00002	0.00002	<	07	79
S-59	0.00002			07	79
S-60	0.00002	0.00002	<	07	79
S-61	0.00002	0.00002	<	07	79
S-62				07	79
S-53	0.00002	0.00002	<	08	79
S-54	0.00002	0.00002	<	08	79
S-55	0.00002	0.00002	<	08	79
S-56	0.00002	0.00002	<	08	79
S-58	0.00002	0.00002	<	08	79
S-59	0.00002	0.00002	<	08	79
S-60	0.00002	0.00002	<	08	79
S-61	0.00002	0.00002	<	08	79
S-62				08	79
S-53	0.00002	0.00002	<	09	79
S-54	0.00002	0.00002	<	09	79
S-55	0.00002	0.00002	<	09	79
S-56	0.00002	0.00002	<	09	79
S-58	0.00002	0.00002	<	09	79
S-59	0.00002	0.00002	<	09	79
S-60	0.00002	0.00002	<	09	79
S-61	0.00002	0.00002	<	09	79
S-62	0.00002	0.00002	<	09	79
S-53	0.00002	0.00002	<	10	79
S-54	0.00002	0.00002	<	10	79
S-55	0.00002	0.00002	<	10	79
S-56	0.00002	0.00002	<	10	79
S-58	0.00002	0.00002	<	10	79
S-59	0.00002	0.00002	<	10	79
S-60	0.00002	0.00002	<	10	79
S-61	0.00002	0.00002	<	10	79
S-62	0.00002	0.00002	<	10	79
S-53	0.00002	0.00002	<	11	79
S-54	0.00002			11	79
S-55	0.00002	0.00002	<	11	79
S-56	0.00004			11	79
S-58	0.00002	0.00002	<	11	79
S-59	0.00002	0.00002	<	11	79
S-60	0.00003			11	79
S-61				11	79
S-62	0.00002			11	79
S-53	0.00002	0.00002	<	12	79
S-54	0.00002	0.00002	<	12	79
S-55	0.00002	0.00002	<	12	79

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1979

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-56	BROOMFIELD	08-NOV-79	14-DEC-79	1	48000	
S-58	WAGNER	08-NOV-79	14-DEC-79	1	50000	0
S-59	LEYDEN	08-NOV-79	14-DEC-79	1	54000	0
S-60	WESTMINSTER	08-NOV-79	14-DEC-79	1	42000	0
S-61	DENVER	08-NOV-79	14-DEC-79	1	36000	0
S-62	GOLDEN	08-NOV-79	14-DEC-79	1	45000	

LOCATION	PT _{EST} CONC (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-56	0.00007			12	79
S-58	0.00002	0.00002	<	12	79
S-59	0.00002	0.00002	<	12	79
S-60	0.00002	0.00002	<	12	79
S-61	0.00002	0.00002	<	12	79
S-62	0.00002			12	79

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1980

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-53	SUPERIOR	13-DEC-79	31-JAN-80	2	68000	0.000000
S-54	BOULDER	13-DEC-79	31-JAN-80	2	65000	0.000005
S-55	LAFAYETTE	13-DEC-79	31-JAN-80	2	65000	0.000004
S-56	BROOMFIELD	13-DEC-79	31-JAN-80	2	45000	0.000004
S-58	WAGNER	13-DEC-79	31-JAN-80	2	70000	0.000003
S-59	LEYDEN	13-DEC-79	31-JAN-80	2	72000	0.000000
S-60	WESTMINSTER	13-DEC-79	31-JAN-80	2	61000	0.000007
S-61	DENVER	13-DEC-79	31-JAN-80	2	53000	0.000002
S-62	GOLDEN	13-DEC-79	31-JAN-80	2	63000	0.000002
S-53	SUPERIOR	01-FEB-80	28-FEB-80	1	39000	0.000003
S-54	BOULDER	01-FEB-80	28-FEB-80	1	37000	0.000006
S-55	LAFAYETTE	01-FEB-80	28-FEB-80	1	37000	0.000004
S-56	BROOMFIELD	01-FEB-80	28-FEB-80	1	38000	0.000002
S-58	WAGNER	01-FEB-80	28-FEB-80	1	41000	0.000002
S-59	LEYDEN	01-FEB-80	28-FEB-80	1	37000	0.000004
S-60	WESTMINSTER	01-FEB-80	28-FEB-80	1	36000	0.000002
S-61	DENVER	01-FEB-80	28-FEB-80	1	30000	0.000000
S-62	GOLDEN	01-FEB-80	28-FEB-80	1	38000	0.000003
S-53	SUPERIOR	28-FEB-80	27-MAR-80	1	39000	0.000002
S-54	BOULDER	28-FEB-80	27-MAR-80	1	37000	0.000005
S-55	LAFAYETTE	28-FEB-80	27-MAR-80	1	36000	0.000005
S-56	BROOMFIELD	28-FEB-80	27-MAR-80	1	38000	0.000003
S-58	WAGNER	28-FEB-80	27-MAR-80	1	39000	0.000002
S-59	LEYDEN	28-FEB-80	27-MAR-80	1	40000	0.000002
S-60	WESTMINSTER	28-FEB-80	27-MAR-80	1	35000	0.000001
S-61	DENVER	28-FEB-80	27-MAR-80	1	31000	0.000004
S-62	GOLDEN	28-FEB-80	27-MAR-80	1	37000	0.000003
S-53	SUPERIOR	27-MAR-80	30-APR-80	1	47000	0.000014
S-54	BOULDER	27-MAR-80	30-APR-80	1	44000	0.000012
S-55	LAFAYETTE	27-MAR-80	30-APR-80	1	45000	0.000015
S-56	BROOMFIELD	27-MAR-80	30-APR-80	1	47000	0.000011
S-58	WAGNER	27-MAR-80	30-APR-80	1	47000	0.000010
S-59	LEYDEN	27-MAR-80	30-APR-80	1	47000	0.000008
S-60	WESTMINSTER	27-MAR-80	30-APR-80	1	45000	0.000006
S-61	DENVER	27-MAR-80	30-APR-80	1	39000	0.000005
S-62	GOLDEN	27-MAR-80	30-APR-80	1	46000	0.000010
S-53	SUPERIOR	30-APR-80	28-MAY-80	1	36000	0.000019
S-54	BOULDER	30-APR-80	28-MAY-80	1	35000	0.000021
S-55	LAFAYETTE	30-APR-80	28-MAY-80	1	36000	0.000017
S-56	BROOMFIELD	30-APR-80	28-MAY-80	1	37000	0.000020
S-58	WAGNER	30-APR-80	28-MAY-80	1	37000	0.000020
S-59	LEYDEN	30-APR-80	28-MAY-80	1	34000	0.000025
S-60	WESTMINSTER	30-APR-80	28-MAY-80	1	34000	0.000020
S-61	DENVER	30-APR-80	28-MAY-80	1	32000	0.000035
S-62	GOLDEN	30-APR-80	28-MAY-80	1	37000	0.000019
S-53	SUPERIOR	28-MAY-80	25-JUN-80	1	35000	0.000000
S-54	BOULDER	28-MAY-80	25-JUN-80	1	29000	0.000009
S-55	LAFAYETTE	28-MAY-80	25-JUN-80	1	30000	0.000015
S-56	BROOMFIELD	28-MAY-80	25-JUN-80	1	30000	0.000008
S-58	WAGNER	28-MAY-80	25-JUN-80	1	31000	0.000012
S-59	LEYDEN	28-MAY-80	25-JUN-80	1	30000	0.000011
S-60	WESTMINSTER	28-MAY-80	25-JUN-80	1	29000	0.000012
S-61	DENVER	28-MAY-80	25-JUN-80	1	32000	0.000009
S-62	GOLDEN	28-MAY-80	25-JUN-80	0		

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1980

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-53	0.000001	0.000001	<	01	80
S-54	0.000008	0.000011	0.000003	01	80
S-55	0.000006	0.000008	0.000002	01	80
S-56	0.000006	0.000008	0.000002	01	80
S-58	0.000005	0.000007	0.000002	01	80
S-59	0.000002	0.000002	<	01	80
S-60	0.000009	0.000011	0.000002	01	80
S-61	0.000004	0.000006	0.000002	01	80
S-62	0.000004	0.000006	0.000002	01	80
S-53	0.000005	0.000007	0.000002	02	80
S-54	0.000009	0.000012	0.000003	02	80
S-55	0.000006	0.000008	0.000002	02	80
S-56	0.000004	0.000006	0.000002	02	80
S-58	0.000004	0.000006	0.000002	02	80
S-59	0.000006	0.000008	0.000002	02	80
S-60	0.000004	0.000006	0.000002	02	80
S-61	0.000003	0.000006	0.000003	02	80
S-62	0.000005	0.000007	0.000002	02	80
S-53	0.000004	0.000006	0.000002	03	80
S-54	0.000006	0.000007	0.000001	03	80
S-55	0.000008	0.000011	0.000003	03	80
S-56	0.000005	0.000007	0.000002	03	80
S-58	0.000005	0.000008	0.000003	03	80
S-59	0.000005	0.000008	0.000003	03	80
S-60	0.000003	0.000005	0.000002	03	80
S-61	0.000007	0.000010	0.000003	03	80
S-62	0.000005	0.000007	0.000002	03	80
S-53	0.000020	0.000026	0.000006	04	80
S-54	0.000018	0.000024	0.000006	04	80
S-55	0.000023	0.000031	0.000008	04	80
S-56	0.000016	0.000021	0.000005	04	80
S-58	0.000015	0.000020	0.000005	04	80
S-59	0.000013	0.000018	0.000005	04	80
S-60	0.000010	0.000014	0.000004	04	80
S-61	0.000011	0.000017	0.000006	04	80
S-62	0.000015	0.000020	0.000005	04	80
S-53	0.000020	0.000021	0.000001	05	80
S-54	0.000022	0.000023	0.000001	05	80
S-55	0.000018	0.000019	0.000001	05	80
S-56	0.000021	0.000022	0.000001	05	80
S-58	0.000021	0.000022	0.000001	05	80
S-59	0.000027	0.000029	0.000002	05	80
S-60	0.000021	0.000022	0.000001	05	80
S-61	0.000037	0.000039	0.000002	05	80
S-62	0.000020	0.000021	0.000001	05	80
S-53	0.000010	0.000010	<	06	80
S-54	0.000016	0.000023	0.000007	06	80
S-55	0.000021	0.000027	0.000006	06	80
S-56	0.000013	0.000018	0.000005	06	80
S-58	0.000015	0.000018	0.000003	06	80
S-59	0.000014	0.000017	0.000003	06	80
S-60	0.000015	0.000018	0.000003	06	80
S-61	0.000011	0.000013	0.000002	06	80
S-62				06	80

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1980

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-53	SUPERIOR	25-JUN-80	30-JUL-80	1	40000	0.000003
S-54	BOULDER	25-JUN-80	30-JUL-80	1	38000	0.000018
S-55	LAFAYETTE	25-JUN-80	30-JUL-80	1	43000	0.000000
S-56	BROOMFIELD	25-JUN-80	30-JUL-80	1	39000	0.000000
S-58	WAGNER	25-JUN-80	30-JUL-80	1	38000	0.000000
S-59	LEYDEN	25-JUN-80	30-JUL-80	1	38000	0.000003
S-60	WESTMINSTER	25-JUN-80	30-JUL-80	1	37000	0.000003
S-61	DENVER	25-JUN-80	30-JUL-80	1	41000	0.000006
S-62	GOLDEN	25-JUN-80	30-JUL-80	1	41000	0.000003
S-53	SUPERIOR	30-JUL-80	27-AUG-80	1	35000	0.000000
S-54	BOULDER	30-JUL-80	27-AUG-80	1	31000	0.000000
S-55	LAFAYETTE	30-JUL-80	27-AUG-80	1	32000	0.000000
S-56	BROOMFIELD	30-JUL-80	27-AUG-80	1	32000	0.000000
S-58	WAGNER	30-JUL-80	27-AUG-80	1	32000	0.000000
S-59	LEYDEN	30-JUL-80	27-AUG-80	1	32000	0.000000
S-60	WESTMINSTER	30-JUL-80	27-AUG-80	1	31000	0.000000
S-61	DENVER	30-JUL-80	27-AUG-80	1	34000	0.000000
S-62	GOLDEN	30-JUL-80	27-AUG-80	1	33000	0.000000
S-53	SUPERIOR	27-AUG-80	01-OCT-80	1	46000	0.000000
S-54	BOULDER	27-AUG-80	01-OCT-80	1	40000	0.000057
S-55	LAFAYETTE	27-AUG-80	01-OCT-80	1	42000	0.000001
S-56	BROOMFIELD	27-AUG-80	01-OCT-80	1	39000	0.000042
S-58	WAGNER	27-AUG-80	01-OCT-80	1	40000	0.000002
S-59	LEYDEN	27-AUG-80	01-OCT-80	1	41000	0.000001
S-60	WESTMINSTER	27-AUG-80	01-OCT-80	1	40000	0.000001
S-61	DENVER	27-AUG-80	01-OCT-80	1	42000	0.000000
S-62	GOLDEN	27-AUG-80	01-OCT-80	1	43000	0.000001
S-53	SUPERIOR	01-OCT-80	29-OCT-80	1	36000	0.000000
S-54	BOULDER	01-OCT-80	29-OCT-80	1	32000	0.000000
S-55	LAFAYETTE	01-OCT-80	29-OCT-80	1	32000	0.000000
S-56	BROOMFIELD	01-OCT-80	29-OCT-80	1	31000	0.000004
S-58	WAGNER	01-OCT-80	29-OCT-80	1	32000	0.000003
S-59	LEYDEN	01-OCT-80	29-OCT-80	1	31000	0.000006
S-60	WESTMINSTER	01-OCT-80	29-OCT-80	1	30000	0.000000
S-61	DENVER	01-OCT-80	29-OCT-80	1	31000	0.000000
S-62	GOLDEN	01-OCT-80	29-OCT-80	1	33000	0.000004
S-53	SUPERIOR	29-OCT-80	26-NOV-80	1	37000	0.000001
S-54	BOULDER	29-OCT-80	26-NOV-80	1	32000	0.000004
S-55	LAFAYETTE	29-OCT-80	26-NOV-80	1	34000	0.000002
S-56	BROOMFIELD	29-OCT-80	26-NOV-80	1	33000	0.000029
S-58	WAGNER	29-OCT-80	26-NOV-80	1	34000	0.000002
S-59	LEYDEN	29-OCT-80	26-NOV-80	1	33000	0.000000
S-60	WESTMINSTER	29-OCT-80	26-NOV-80	1	31000	0.000000
S-61	DENVER	29-OCT-80	26-NOV-80	1	33000	0.000006
S-62	GOLDEN	29-OCT-80	26-NOV-80	1	34000	0.000003
S-53	SUPERIOR	26-NOV-80	24-DEC-80	1	36000	0.000000
S-54	BOULDER	26-NOV-80	24-DEC-80	1	32000	0.000043
S-55	LAFAYETTE	26-NOV-80	24-DEC-80	1	33000	0.000000
S-56	BROOMFIELD	26-NOV-80	24-DEC-80	1	32000	0.000006
S-58	WAGNER	26-NOV-80	24-DEC-80	1	33000	0.000000
S-59	LEYDEN	26-NOV-80	24-DEC-80	1	32000	0.000000
S-60	WESTMINSTER	26-NOV-80	24-DEC-80	1	31000	0.000004
S-61	DENVER	26-NOV-80	24-DEC-80	1	33000	0.000000
S-62	GOLDEN	26-NOV-80	24-DEC-80	1	34000	0.000054

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1980

LOCATION	PT EST CONC (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-53	0.000006	0.000009	0.000003	07	80
S-54	0.000023	0.000028	0.000005	07	80
S-55	0.000005	0.000005	<	07	80
S-56	0.000006	0.000006	<	07	80
S-58	0.000006	0.000006	<	07	80
S-59	0.000006	0.000009	0.000003	07	80
S-60	0.000006	0.000009	0.000003	07	80
S-61	0.000009	0.000012	0.000003	07	80
S-62	0.000006	0.000009	0.000003	07	80
S-53	0.000005	0.000005	<	08	80
S-54	0.000006	0.000006	<	08	80
S-55	0.000006	0.000006	<	08	80
S-56	0.000005	0.000005	<	08	80
S-58	0.000004	0.000004	<	08	80
S-59	0.000005	0.000005	<	08	80
S-60	0.000005	0.000005	<	08	80
S-61	0.000004	0.000004	<	08	80
S-62	0.000005	0.000005	<	08	80
S-53	0.000001	0.000002	0.000001	09	80
S-54	0.000060	0.000063	0.000003	09	80
S-55	0.000003	0.000005	0.000002	09	80
S-56	0.000051	0.000060	0.000009	09	80
S-58	0.000004	0.000006	0.000002	09	80
S-59	0.000004	0.000007	0.000003	09	80
S-60	0.000003	0.000005	0.000002	09	80
S-61	0.000002	0.000002	<	09	80
S-62	0.000003	0.000005	0.000002	09	80
S-53	0.000002	0.000004	0.000002	10	80
S-54	0.000004	0.000004	<	10	80
S-55	0.000005	0.000005	<	10	80
S-56	0.000007	0.000010	0.000003	10	80
S-58	0.000006	0.000009	0.000003	10	80
S-59	0.000009	0.000012	0.000003	10	80
S-60	0.000006	0.000006	<	10	80
S-61	0.000005	0.000005	<	10	80
S-62	0.000007	0.000010	0.000003	10	80
S-53	0.000003	0.000005	0.000002	11	80
S-54	0.000008	0.000012	0.000004	11	80
S-55	0.000004	0.000006	0.000002	11	80
S-56	0.000037	0.000045	0.000008	11	80
S-58	0.000005	0.000008	0.000003	11	80
S-59	0.000004	0.000004	<	11	80
S-60	0.000002	0.000002	<	11	80
S-61	0.000009	0.000012	0.000003	11	80
S-62	0.000005	0.000007	0.000002	11	80
S-53	0.000005	0.000005	<	12	80
S-54	0.000050	0.000057	0.000007	12	80
S-55	0.000006	0.000006	<	12	80
S-56	0.000010	0.000014	0.000004	12	80
S-58	0.000005	0.000005	<	12	80
S-59	0.000005	0.000005	<	12	80
S-60	0.000008	0.000012	0.000004	12	80
S-61	0.000005	0.000005	<	12	80
S-62	0.000060	0.000066	0.000006	12	80

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1981

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-53	SUPERIOR	24-DEC-80	28-JAN-81	1	45000	0.000008
S-54	BOULDER	24-DEC-80	28-JAN-81	1	40000	0.000007
S-55	LAFAYETTE	24-DEC-80	28-JAN-81	1	43000	0.000010
S-56	BROOMFIELD	24-DEC-80	28-JAN-81	1	39000	0.000005
S-58	WAGNER	24-DEC-80	28-JAN-81	1	41000	0.000003
S-59	LEYDEN	24-DEC-80	28-JAN-81	1	43000	0.000004
S-60	WESTMINSTER	24-DEC-80	28-JAN-81	1	38000	0.000004
S-61	DENVER	24-DEC-80	28-JAN-81	1	40000	0.000000
S-62	GOLDEN	24-DEC-80	28-JAN-81	1	46000	0.000005
S-53	SUPERIOR	28-JAN-81	25-FEB-81	1	36000	0.000015
S-54	BOULDER	28-JAN-81	25-FEB-81	1	32000	0.000014
S-55	LAFAYETTE	28-JAN-81	25-FEB-81	1	34000	0.000020
S-56	BROOMFIELD	28-JAN-81	25-FEB-81	1	31000	0.000016
S-58	WAGNER	28-JAN-81	25-FEB-81	1	33000	0.000015
S-59	LEYDEN	28-JAN-81	25-FEB-81	1	33000	0.000015
S-60	WESTMINSTER	28-JAN-81	25-FEB-81	1	31000	0.000008
S-61	DENVER	28-JAN-81	25-FEB-81	1	33000	0.000013
S-62	GOLDEN	28-JAN-81	25-FEB-81	1	33000	0.000016
S-53	SUPERIOR	25-FEB-81	28-MAR-81	1	36000	0.000021
S-54	BOULDER	25-FEB-81	28-MAR-81	1	31000	0.000022
S-55	LAFAYETTE	25-FEB-81	28-MAR-81	1	34000	0.000022
S-56	BROOMFIELD	25-FEB-81	28-MAR-81	1	32000	0.000019
S-58	WAGNER	25-FEB-81	28-MAR-81	1	33000	0.000024
S-59	LEYDEN	25-FEB-81	28-MAR-81	1	33000	0.000025
S-60	WESTMINSTER	25-FEB-81	28-MAR-81	1	31000	0.000016
S-61	DENVER	25-FEB-81	28-MAR-81	1	33000	0.000015
S-62	GOLDEN	25-FEB-81	28-MAR-81	1	34000	0.000023
S-53	SUPERIOR	28-MAR-81	30-APR-81	1	48000	0.000035
S-54	BOULDER	28-MAR-81	30-APR-81	1	40000	0.000036
S-55	LAFAYETTE	28-MAR-81	30-APR-81	1	42000	0.000041
S-56	BROOMFIELD	28-MAR-81	30-APR-81	1	39000	0.000034
S-58	WAGNER	28-MAR-81	30-APR-81	1	41000	0.000035
S-59	LEYDEN	28-MAR-81	30-APR-81	1	41000	0.000063
S-60	WESTMINSTER	28-MAR-81	30-APR-81	1	39000	0.000012
S-61	DENVER	28-MAR-81	30-APR-81	1	42000	0.000029
S-62	GOLDEN	28-MAR-81	30-APR-81	1	44000	0.000036
S-53	SUPERIOR	30-APR-81	28-MAY-81	1	35000	0.000033
S-54	BOULDER	30-APR-81	28-MAY-81	1	30000	0.000022
S-55	LAFAYETTE	30-APR-81	28-MAY-81	1	32000	0.000024
S-56	BROOMFIELD	30-APR-81	28-MAY-81	1	28000	0.000024
S-58	WAGNER	30-APR-81	28-MAY-81	1	31000	0.000021
S-59	LEYDEN	30-APR-81	28-MAY-81	1	32000	0.000029
S-60	WESTMINSTER	30-APR-81	28-MAY-81	1	29000	0.000015
S-61	DENVER	30-APR-81	28-MAY-81	1	32000	0.000022
S-62	GOLDEN	30-APR-81	28-MAY-81	1	33000	0.000023
S-53	SUPERIOR	28-MAY-81	24-JUN-81	1	33000	0.000029
S-54	BOULDER	28-MAY-81	24-JUN-81	1	29000	0.000216
S-55	LAFAYETTE	28-MAY-81	24-JUN-81	1	30000	0.000038
S-56	BROOMFIELD	28-MAY-81	24-JUN-81	1	28000	0.000037
S-58	WAGNER	28-MAY-81	24-JUN-81	1	29000	0.000030
S-59	LEYDEN	28-MAY-81	24-JUN-81	1	29000	0.000026

S-54: SAMPLE BEING RE-RUN AT TIME OF REPORT; RESULTS UNKNOWN

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1981

LOCATION	PT _{EST} CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-53	0.000012	0.000016	0.000004	01	81
S-54	0.000012	0.000017	0.000005	01	81
S-55	0.000014	0.000018	0.000004	01	81
S-56	0.000010	0.000015	0.000005	01	81
S-58	0.000005	0.000007	0.000002	01	81
S-59	0.000007	0.000010	0.000003	01	81
S-60	0.000007	0.000010	0.000003	01	81
S-61	0.000004	0.000008	0.000004	01	81
S-62	0.000009	0.000013	0.000004	01	81
S-53	0.000020	0.000025	0.000005	02	81
S-54	0.000019	0.000024	0.000005	02	81
S-55	0.000025	0.000030	0.000005	02	81
S-56	0.000022	0.000028	0.000006	02	81
S-58	0.000020	0.000025	0.000005	02	81
S-59	0.000021	0.000027	0.000006	02	81
S-60	0.000012	0.000016	0.000004	02	81
S-61	0.000017	0.000021	0.000004	02	81
S-62	0.000020	0.000024	0.000004	02	81
S-53	0.000025	0.000029	0.000004	03	81
S-54	0.000026	0.000030	0.000004	03	81
S-55	0.000028	0.000034	0.000006	03	81
S-56	0.000023	0.000027	0.000004	03	81
S-58	0.000029	0.000034	0.000005	03	81
S-59	0.000029	0.000033	0.000004	03	81
S-60	0.000018	0.000020	0.000002	03	81
S-61	0.000019	0.000023	0.000004	03	81
S-62	0.000027	0.000031	0.000004	03	81
S-53	0.000039	0.000043	0.000004	04	81
S-54	0.000044	0.000052	0.000008	04	81
S-55	0.000048	0.000055	0.000007	04	81
S-56	0.000040	0.000046	0.000006	04	81
S-58	0.000044	0.000053	0.000009	04	81
S-59	0.000071	0.000079	0.000008	04	81
S-60	0.000014	0.000016	0.000002	04	81
S-61	0.000034	0.000039	0.000005	04	81
S-62	0.000041	0.000046	0.000005	04	81
S-53	0.000045	0.000057	0.000012	05	81
S-54	0.000027	0.000032	0.000005	05	81
S-55	0.000029	0.000034	0.000005	05	81
S-56	0.000029	0.000034	0.000005	05	81
S-58	0.000026	0.000031	0.000005	05	81
S-59	0.000034	0.000039	0.000005	05	81
S-60	0.000020	0.000025	0.000005	05	81
S-61	0.000027	0.000032	0.000005	05	81
S-62	0.000031	0.000039	0.000008	05	81
S-53	0.000035	0.000041	0.000006	06	81
S-54	0.000233	0.000250	0.000017	06	81
S-55	0.000045	0.000052	0.000007	06	81
S-56	0.000043	0.000049	0.000006	06	81
S-58	0.000036	0.000042	0.000006	06	81
S-59	0.000032	0.000038	0.000006	06	81

S-54: SAMPLE BEING RE-RUN AT TIME OF REPORT; RESULTS UNKNOWN

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1981

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-60	WESTMINSTER	28-MAY-81	24-JUN-81	1	28000	0.000023
S-61	DENVER	28-MAY-81	24-JUN-81	1	30000	0.000016
S-62	GOLDEN	28-MAY-81	24-JUN-81	1	30000	0.000020
S-53	SUPERIOR	24-JUN-81	29-JUL-81	1	43000	0.000013
S-54	BOULDER	24-JUN-81	29-JUL-81	1	35000	0.000017
S-55	LAFAYETTE	24-JUN-81	29-JUL-81	1	39000	0.000013
S-56	BROOMFIELD	24-JUN-81	29-JUL-81	1	36000	0.000020
S-58	WAGNER	24-JUN-81	29-JUL-81	1	40000	0.000015
S-59	LEYDEN	24-JUN-81	29-JUL-81	1	40000	0.000006
S-60	WESTMINSTER	24-JUN-81	29-JUL-81	1	36000	0.000014
S-61	DENVER	24-JUN-81	29-JUL-81	1	39000	0.000016
S-62	GOLDEN	24-JUN-81	29-JUL-81	1	39000	0.000017
S-53	SUPERIOR	27-JUL-81	26-AUG-81	1	33000	0.000005
S-54	BOULDER	27-JUL-81	26-AUG-81	1	30000	0.000008
S-55	LAFAYETTE	27-JUL-81	26-AUG-81	1	31000	0.000006
S-56	BROOMFIELD	27-JUL-81	26-AUG-81	1	27000	0.000008
S-58	WAGNER	27-JUL-81	26-AUG-81	1	30000	0.000006
S-59	LEYDEN	27-JUL-81	26-AUG-81	1	31000	0.000007
S-60	WESTMINSTER	27-JUL-81	26-AUG-81	1	28000	0.000004
S-61	DENVER	27-JUL-81	26-AUG-81	1	31000	0.000009
S-62	GOLDEN	27-JUL-81	26-AUG-81	1	31000	0.000007
S-53	SUPERIOR	26-AUG-81	30-SEP-81	1	41000	0.000004
S-54	BOULDER	26-AUG-81	30-SEP-81	1	39000	0.000004
S-55	LAFAYETTE	26-AUG-81	30-SEP-81	1	41000	0.000004
S-56	BROOMFIELD	26-AUG-81	30-SEP-81	1	37000	0.000008
S-58	WAGNER	26-AUG-81	30-SEP-81	1	40000	0.000004
S-59	LEYDEN	26-AUG-81	30-SEP-81	1	40000	0.000005
S-60	WESTMINSTER	26-AUG-81	30-SEP-81	1	36000	0.000003
S-61	DENVER	26-AUG-81	30-SEP-81	1	40000	0.000001
S-62	GOLDEN	26-AUG-81	30-SEP-81	1	40000	0.000004
S-53	SUPERIOR	30-SEP-81	27-OCT-81	1	34000	0.000000
S-54	BOULDER	30-SEP-81	27-OCT-81	1	31000	0.000000
S-55	LAFAYETTE	30-SEP-81	27-OCT-81	1	32000	0.000003
S-56	BROOMFIELD	30-SEP-81	27-OCT-81	1	28000	0.000002
S-58	WAGNER	30-SEP-81	27-OCT-81	1	31000	0.000001
S-59	LEYDEN	30-SEP-81	27-OCT-81	1	32000	0.000001
S-60	WESTMINSTER	30-SEP-81	27-OCT-81	1	30000	0.000000
S-61	DENVER	30-SEP-81	27-OCT-81	1	33000	0.000001
S-62	GOLDEN	30-SEP-81	27-OCT-81	1	33000	0.000002
S-53	SUPERIOR	27-OCT-81	02-DEC-81	1	46000	0.000001
S-54	BOULDER	27-OCT-81	02-DEC-81	1	39000	0.000002
S-55	LAFAYETTE	27-OCT-81	02-DEC-81	1	42000	0.000000
S-56	BROOMFIELD	27-OCT-81	02-DEC-81	1	35000	0.000002
S-58	WAGNER	27-OCT-81	02-DEC-81	1	40000	0.000004
S-59	LEYDEN	27-OCT-81	02-DEC-81	1	41000	0.000001
S-60	WESTMINSTER	27-OCT-81	02-DEC-81	1	37000	0.000003
S-61	DENVER	27-OCT-81	02-DEC-81	1	39000	0.000003
S-62	GOLDEN	27-OCT-81	02-DEC-81	1	43000	0.000000
S-53	SUPERIOR	02-DEC-81	06-JAN-82	1	47000	0.000002
S-54	BOULDER	02-DEC-81	06-JAN-82	0		
S-55	LAFAYETTE	02-DEC-81	06-JAN-82	1	42000	0.000000

S-54: SAMPLE BEING RE-RUN AT TIME OF REPORT; RESULTS UNKNOWN

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1981

LOCATION	PT EST CONC (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-60	0.000029	0.000035	0.000006	06	81
S-61	0.000024	0.000032	0.000008	06	81
S-62	0.000027	0.000034	0.000007	06	81
S-53	0.000016	0.000019	0.000003	07	81
S-54	0.000021	0.000025	0.000004	07	81
S-55	0.000016	0.000019	0.000003	07	81
S-56	0.000024	0.000028	0.000004	07	81
S-58	0.000018	0.000021	0.000003	07	81
S-59	0.000009	0.000012	0.000003	07	81
S-60	0.000019	0.000024	0.000005	07	81
S-61	0.000020	0.000024	0.000004	07	81
S-62	0.000018	0.000019	0.000001	07	81
S-53	0.000008	0.000011	0.000003	08	81
S-54	0.000012	0.000016	0.000004	08	81
S-55	0.000010	0.000014	0.000004	08	81
S-56	0.000012	0.000016	0.000004	08	81
S-58	0.000010	0.000014	0.000004	08	81
S-59	0.000011	0.000015	0.000004	08	81
S-60	0.000007	0.000010	0.000003	08	81
S-61	0.000013	0.000017	0.000004	08	81
S-62	0.000010	0.000013	0.000003	08	81
S-53	0.000006	0.000008	0.000002	09	81
S-54	0.000006	0.000008	0.000002	09	81
S-55	0.000007	0.000010	0.000003	09	81
S-56	0.000011	0.000014	0.000003	09	81
S-58	0.000006	0.000008	0.000002	09	81
S-59	0.000008	0.000011	0.000003	09	81
S-60	0.000005	0.000007	0.000002	09	81
S-61	0.000003	0.000005	0.000002	09	81
S-62	0.000006	0.000008	0.000002	09	81
S-53	0.000002	0.000004	0.000002	10	81
S-54	0.000002	0.000004	0.000002	10	81
S-55	0.000005	0.000007	0.000002	10	81
S-56	0.000004	0.000006	0.000002	10	81
S-58	0.000003	0.000005	0.000002	10	81
S-59	0.000003	0.000005	0.000002	10	81
S-60	0.000002	0.000004	0.000002	10	81
S-61	0.000003	0.000005	0.000002	10	81
S-62	0.000004	0.000006	0.000002	10	81
S-53	0.000003	0.000005	0.000002	11	81
S-54	0.000004	0.000006	0.000002	11	81
S-55	0.000002	0.000004	0.000002	11	81
S-56	0.000004	0.000006	0.000002	11	81
S-58	0.000006	0.000008	0.000002	11	81
S-59	0.000003	0.000005	0.000002	11	81
S-60	0.000005	0.000007	0.000002	11	81
S-61	0.000005	0.000007	0.000002	11	81
S-62	0.000001	0.000002	0.000001	11	81
S-53	0.000003	0.000004	0.000001	12	81
S-54				12	81
S-55	0.000002	0.000004	0.000002	12	81

S-54: SAMPLE BEING RE-RUN AT TIME OF REPORT; RESULTS UNKNOWN

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1981

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-56	BROOMFIELD	02-DEC-81	06-JAN-82	1	21000	0.000001
S-58	WAGNER	02-DEC-81	06-JAN-82	1	42000	0.000002
S-59	LEYDEN	02-DEC-81	06-JAN-82	1	42000	0.000001
S-60	WESTMINSTER	02-DEC-81	06-JAN-82	1	39000	0.000004
S-61	DENVER	02-DEC-81	06-JAN-82	1	40000	0.000002
S-62	GOLDEN	02-DEC-81	06-JAN-82	1	44000	0.000002

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-56	0.000005	0.000009	0.000004	12	81
S-58	0.000004	0.000006	0.000002	12	81
S-59	0.000003	0.000005	0.000002	12	81
S-60	0.000006	0.000008	0.000002	12	81
S-61	0.000004	0.000006	0.000002	12	81
S-62	0.000004	0.000006	0.000002	12	81

S-54: SAMPLE BEING RE-RUN AT TIME OF REPORT; RESULTS UNKNOWN

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1982

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m³)	LCL (pCi/m³)
S-53	SUPERIOR	06-JAN-82	27-JAN-82	1	28000	0.000001
S-54	BOULDER	06-JAN-82	27-JAN-82	1	24000	0.000002
S-55	LAFAYETTE	06-JAN-82	27-JAN-82	1	26000	0.000002
S-56	BROOMFIELD	06-JAN-82	27-JAN-82	1	10000	0.000000
S-58	WAGNER	06-JAN-82	27-JAN-82	0		
S-59	LEYDEN	06-JAN-82	27-JAN-82	1	25000	0.000002
S-60	WESTMINSTER	06-JAN-82	27-JAN-82	1	24000	0.000000
S-61	DENVER	06-JAN-82	27-JAN-82	1	24000	0.000002
S-62	GOLDEN	06-JAN-82	27-JAN-82	1	27000	0.000001
S-53	SUPERIOR	27-JAN-82	24-FEB-82	1	38000	0.000005
S-54	BOULDER	27-JAN-82	24-FEB-82	1	33000	0.000004
S-55	LAFAYETTE	27-JAN-82	24-FEB-82	1	35000	0.000006
S-56	BROOMFIELD	27-JAN-82	24-FEB-82	1	37000	0.000004
S-58	WAGNER	27-JAN-82	24-FEB-82	1	34000	0.000006
S-59	LEYDEN	27-JAN-82	24-FEB-82	1	34000	0.000004
S-60	WESTMINSTER	27-JAN-82	24-FEB-82	1	32000	0.000007
S-61	DENVER	27-JAN-82	24-FEB-82	1	34000	0.000010
S-62	GOLDEN	27-JAN-82	24-FEB-82	1	36000	0.000004
S-51	MARSHALL	24-FEB-82	31-MAR-82	1	42000	0.000005
S-52	JEFFCO AIRPORT	24-FEB-82	31-MAR-82	1	40000	0.000001
S-53	SUPERIOR	24-FEB-82	31-MAR-82	1	43000	0.000005
S-54	BOULDER	24-FEB-82	31-MAR-82	1	41000	0.000005
S-54	BOULDER	24-FEB-82	31-MAR-82	1	41000	0.000005
S-55	LAFAYETTE	24-FEB-82	31-MAR-82	1	40000	0.000008
S-56	BROOMFIELD	24-FEB-82	31-MAR-82	1	43000	0.000109
S-57	WALNUT CREEK	24-FEB-82	31-MAR-82	1	41000	0.000003
S-58	WAGNER	24-FEB-82	31-MAR-82	1	39000	0.000004
S-59	LEYDEN	24-FEB-82	31-MAR-82	1	42000	0.000005
S-60	WESTMINSTER	24-FEB-82	31-MAR-82	1	36000	0.000009
S-61	DENVER	24-FEB-82	31-MAR-82	1	42000	0.000003
S-62	GOLDEN	24-FEB-82	31-MAR-82	1	41000	0.000005
S-51	MARSHALL	31-MAR-82	28-APR-82	1	32000	0.000007
S-52	JEFFCO AIRPORT	31-MAR-82	28-APR-82	1	31000	0.000008
S-53	SUPERIOR	31-MAR-82	28-APR-82	1	33000	0.000005
S-54	BOULDER	31-MAR-82	28-APR-82	1	31000	0.000008
S-55	LAFAYETTE	31-MAR-82	28-APR-82	1	32000	0.000007
S-56	BROOMFIELD	31-MAR-82	28-APR-82	1	34000	0.000004
S-57	WALNUT CREEK	31-MAR-82	28-APR-82	1	32000	0.000012
S-58	WAGNER	31-MAR-82	28-APR-82	1	32000	0.000005
S-59	LEYDEN	31-MAR-82	28-APR-82	1	32000	0.000004
S-60	WESTMINSTER	31-MAR-82	28-APR-82	1	28000	0.000004
S-61	DENVER	31-MAR-82	28-APR-82	1	33000	0.000006
S-62	GOLDEN	31-MAR-82	28-APR-82	1	32000	0.000004
S-51	MARSHALL	28-APR-82	26-MAY-82	1	32000	0.000003
S-52	JEFFCO AIRPORT	28-APR-82	26-MAY-82	1	33000	0.000006
S-53	SUPERIOR	28-APR-82	26-MAY-82	1	34000	0.000003
S-54	BOULDER	28-APR-82	26-MAY-82	1	32000	0.000003
S-55	LAFAYETTE	28-APR-82	26-MAY-82	1	32000	0.000005
S-56	BROOMFIELD	28-APR-82	26-MAY-82	1	37000	0.000004
S-57	WALNUT CREEK	28-APR-82	26-MAY-82	1	33000	0.000005
S-58	WAGNER	28-APR-82	26-MAY-82	1	33000	0.000002
S-59	LEYDEN	28-APR-82	26-MAY-82	1	33000	0.000004
S-60	WESTMINSTER	28-APR-82	26-MAY-82	1	28000	0.000001
S-61	DENVER	28-APR-82	26-MAY-82	1	34000	0.000002

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1982

LOCATION	PT EST CONC (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-53	0.000003	0.000005	0.000002	01	82
S-54	0.000004	0.000006	0.000002	01	82
S-55	0.000004	0.000006	0.000002	01	82
S-56	0.000004	0.000008	0.000004	01	82
S-58				01	82
S-59	0.000004	0.000006	0.000002	01	82
S-60	0.000001	0.000002	0.000001	01	82
S-61	0.000005	0.000008	0.000003	01	82
S-62	0.000003	0.000005	0.000002	01	82
S-53	0.000006	0.000007	0.000001	02	82
S-54	0.000006	0.000007	0.000001	02	82
S-55	0.000007	0.000010	0.000002	02	82
S-56	0.000005	0.000007	0.000001	02	82
S-58	0.000007	0.000009	0.000001	02	82
S-59	0.000006	0.000007	0.000001	02	82
S-60	0.000009	0.000011	0.000002	02	82
S-61	0.000012	0.000014	0.000002	02	82
S-62	0.000006	0.000007	0.000001	02	82
S-51	0.000008	0.000011	0.000003	03	82
S-52	0.000003	0.000004	0.000002	03	82
S-53	0.000008	0.000011	0.000003	03	82
S-54	0.000007	0.000010	0.000003	03	82
S-54	0.000007	0.000010	0.000003	03	82
S-55	0.000011	0.000015	0.000003	03	82
S-56	0.000125	0.000146	0.000019	03	82
S-57	0.000005	0.000008	0.000003	03	82
S-58	0.000006	0.000009	0.000003	03	82
S-59	0.000008	0.000011	0.000003	03	82
S-60	0.000013	0.000018	0.000005	03	82
S-61	0.000005	0.000008	0.000003	03	82
S-62	0.000007	0.000010	0.000003	03	82
S-51	0.000010	0.000014	0.000004	04	82
S-52	0.000013	0.000018	0.000005	04	82
S-53	0.000008	0.000012	0.000004	04	82
S-54	0.000011	0.000016	0.000004	04	82
S-55	0.000010	0.000013	0.000003	04	82
S-56	0.000006	0.000009	0.000003	04	82
S-57	0.000017	0.000023	0.000006	04	82
S-58	0.000008	0.000011	0.000003	04	82
S-59	0.000008	0.000011	0.000003	04	82
S-60	0.000008	0.000011	0.000003	04	82
S-61	0.000009	0.000012	0.000003	04	82
S-62	0.000006	0.000009	0.000003	04	82
S-51	0.000005	0.000008	0.000003	05	82
S-52	0.000008	0.000011	0.000002	05	82
S-53	0.000005	0.000007	0.000002	05	82
S-54	0.000005	0.000008	0.000003	05	82
S-55	0.000008	0.000011	0.000003	05	82
S-56	0.000006	0.000008	0.000002	05	82
S-57	0.000007	0.000010	0.000003	05	82
S-58	0.000005	0.000007	0.000003	05	82
S-59	0.000007	0.000011	0.000003	05	82
S-60	0.000003	0.000005	0.000002	05	82
S-61	0.000005	0.000007	0.000003	05	82

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1982

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-62	GOLDEN	28-APR-82	26-MAY-82	1	32000	0.000003
S-51	MARSHALL	26-MAY-82	30-JUN-82	1	38000	0.000004
S-52	JEFFCO AIRPORT	26-MAY-82	30-JUN-82	1	37000	0.000003
S-53	SUPERIOR	26-MAY-82	30-JUN-82	1	34000	0.000002
S-54	BOULDER	26-MAY-82	30-JUN-82	1	41000	0.000004
S-55	LAFAYETTE	26-MAY-82	30-JUN-82	1	41000	0.000003
S-56	BROOMFIELD	26-MAY-82	30-JUN-82	1	41000	0.000002
S-57	WALNUT CREEK	26-MAY-82	30-JUN-82	1	38000	0.000005
S-58	WAGNER	26-MAY-82	30-JUN-82	1	38000	0.000004
S-59	LEYDEN	26-MAY-82	30-JUN-82	1	41000	0.000003
S-60	WESTMINSTER	26-MAY-82	30-JUN-82	1	36000	0.000001
S-61	DENVER	26-MAY-82	30-JUN-82	1	32000	0.000003
S-62	GOLDEN	26-MAY-82	30-JUN-82	1	40000	0.000002
S-51	MARSHALL	30-JUN-82	28-JUL-82	1	31000	0.000002
S-52	JEFFCO AIRPORT	30-JUN-82	28-JUL-82	1	29000	0.000002
S-53	SUPERIOR	30-JUN-82	28-JUL-82	1	25000	0.000004
S-54	BOULDER	30-JUN-82	28-JUL-82	1	32000	0.000001
S-55	LAFAYETTE	30-JUN-82	28-JUL-82	1	32000	0.000000
S-56	BROOMFIELD	30-JUN-82	28-JUL-82	1	29000	0.000002
S-57	WALNUT CREEK	30-JUN-82	28-JUL-82	1	31000	0.000000
S-58	WAGNER	30-JUN-82	28-JUL-82	1	31000	0.000003
S-59	LEYDEN	30-JUN-82	28-JUL-82	1	31000	0.000001
S-60	WESTMINSTER	30-JUN-82	28-JUL-82	1	27000	0.000001
S-61	DENVER	30-JUN-82	28-JUL-82	1	30000	0.000001
S-62	GOLDEN	30-JUN-82	28-JUL-82	1	30000	0.000001
S-51	MARSHALL	28-JUL-82	25-AUG-82	1	29000	0.000001
S-52	JEFFCO AIRPORT	28-JUL-82	25-AUG-82	1	28000	0.000003
S-53	SUPERIOR	28-JUL-82	25-AUG-82	1	23000	0.000000
S-54	BOULDER	28-JUL-82	25-AUG-82	1	31000	0.000001
S-55	LAFAYETTE	28-JUL-82	25-AUG-82	1	32000	0.000001
S-56	BROOMFIELD	28-JUL-82	25-AUG-82	1	28000	-0.000001
S-57	WALNUT CREEK	28-JUL-82	25-AUG-82	1	29000	0.000000
S-58	WAGNER	28-JUL-82	25-AUG-82	1	29000	0.000000
S-59	LEYDEN	28-JUL-82	25-AUG-82	1	31000	-0.000001
S-60	WESTMINSTER	28-JUL-82	25-AUG-82	1	26000	0.000004
S-61	DENVER	28-JUL-82	25-AUG-82	1	31000	0.000000
S-62	GOLDEN	28-JUL-82	25-AUG-82	1	30000	0.000000
S-51	MARSHALL	01-SEP-82	29-SEP-82	1	38000	0.000000
S-52	JEFFCO AIRPORT	01-SEP-82	29-SEP-82	1	39000	0.000001
S-53	SUPERIOR	01-SEP-82	29-SEP-82	1	33000	0.000001
S-54	BOULDER	01-SEP-82	29-SEP-82	1	41000	0.000001
S-55	LAFAYETTE	01-SEP-82	29-SEP-82	1	40000	0.000000
S-56	BROOMFIELD	01-SEP-82	29-SEP-82	1	38000	0.000000
S-57	WALNUT CREEK	01-SEP-82	29-SEP-82	1	40000	0.000000
S-58	WAGNER	01-SEP-82	29-SEP-82	1	39000	0.000002
S-59	LEYDEN	01-SEP-82	29-SEP-82	1	39000	0.000000
S-60	WESTMINSTER	01-SEP-82	29-SEP-82	1	35000	-0.000001
S-61	DENVER	01-SEP-82	29-SEP-82	1	39000	-0.000001
S-62	GOLDEN	01-SEP-82	29-SEP-82	1	39000	0.000001
S-51	MARSHALL	29-SEP-82	27-OCT-82	1	33000	-0.000001
S-52	JEFFCO AIRPORT	29-SEP-82	27-OCT-82	1	32000	-0.000004
S-53	SUPERIOR	29-SEP-82	27-OCT-82	1	28000	-0.000001
S-54	BOULDER	29-SEP-82	27-OCT-82	1	34000	-0.000002
S-55	LAFAYETTE	29-SEP-82	27-OCT-82	1	33000	-0.000001

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1982

LOCATION	PT _{EST} CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-62	0.000004	0.000008	0.000003	05	82
S-51	0.000006	0.000008	0.000002	06	82
S-52	0.000005	0.000007	0.000002	06	82
S-53	0.000004	0.000006	0.000002	06	82
S-54	0.000007	0.000010	0.000003	06	82
S-55	0.000004	0.000005	0.000001	06	82
S-56	0.000005	0.000007	0.000003	06	82
S-57	0.000007	0.000010	0.000003	06	82
S-58	0.000006	0.000007	0.000001	06	82
S-59	0.000004	0.000006	0.000002	06	82
S-60	0.000003	0.000006	0.000003	06	82
S-61	0.000005	0.000007	0.000002	06	82
S-62	0.000004	0.000006	0.000002	06	82
S-51	0.000004	0.000005	0.000001	07	82
S-52	0.000004	0.000007	0.000003	07	82
S-53	0.000008	0.000012	0.000004	07	82
S-54	0.000002	0.000004	0.000002	07	82
S-55	0.000002	0.000005	0.000003	07	82
S-56	0.000004	0.000007	0.000003	07	82
S-57	0.000003	0.000005	0.000003	07	82
S-58	0.000005	0.000007	0.000002	07	82
S-59	0.000002	0.000004	0.000002	07	82
S-60	0.000003	0.000005	0.000002	07	82
S-61	0.000004	0.000007	0.000003	07	82
S-62	0.000004	0.000006	0.000003	07	82
S-51	0.000003	0.000005	0.000002	08	82
S-52	0.000006	0.000008	0.000002	08	82
S-53	0.000001	0.000002	0.000001	08	82
S-54	0.000002	0.000004	0.000002	08	82
S-55	0.000002	0.000004	0.000002	08	82
S-56	0.000001	0.000002	0.000002	08	82
S-57	0.000002	0.000004	0.000002	08	82
S-58	0.000001	0.000003	0.000002	08	82
S-59	0.000000	0.000002	0.000002	08	82
S-60	0.000007	0.000010	0.000003	08	82
S-61	0.000001	0.000002	0.000001	08	82
S-62	0.000002	0.000003	0.000002	08	82
S-51	0.000001	0.000002	0.000001	09	82
S-52	0.000002	0.000003	0.000001	09	82
S-53	0.000002	0.000004	0.000002	09	82
S-54	0.000002	0.000004	0.000002	09	82
S-55	0.000001	0.000002	0.000001	09	82
S-56	0.000001	0.000003	0.000002	09	82
S-57	0.000001	0.000002	0.000001	09	82
S-58	0.000004	0.000006	0.000002	09	82
S-59	0.000001	0.000003	0.000002	09	82
S-60	0.000000	0.000001	0.000001	09	82
S-61	0.000001	0.000003	0.000002	09	82
S-62	0.000002	0.000003	0.000001	09	82
S-51	0.000004	0.000009	0.000005	10	82
S-52	0.000000	0.000004	0.000004	10	82
S-53	0.000003	0.000007	0.000004	10	82
S-54	0.000002	0.000006	0.000004	10	82
S-55	0.000002	0.000006	0.000004	10	82

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1982

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-56	BROOMFIELD	29-SEP-82	27-OCT-82	1	31000	-0.000001
S-57	WALNUT CREEK	29-SEP-82	27-OCT-82	1	31000	-0.000003
S-58	WAGNER	29-SEP-82	27-OCT-82	1	31000	-0.000001
S-59	LEYDEN	29-SEP-82	27-OCT-82	1	33000	-0.000003
S-60	WESTMINSTER	29-SEP-82	27-OCT-82	1	28000	-0.000004
S-61	DENVER	29-SEP-82	27-OCT-82	1	33000	-0.000004
S-62	GOLDEN	29-SEP-82	27-OCT-82	1	30000	0.000002
S-51	MARSHALL	27-OCT-82	24-NOV-82	1	31000	0.000000
S-52	JEFFCO AIRPORT	27-OCT-82	24-NOV-82	1	31000	-0.000002
S-53	SUPERIOR	27-OCT-82	24-NOV-82	1	26000	0.000000
S-54	BOULDER	27-OCT-82	24-NOV-82	1	32000	-0.000002
S-55	LAFAYETTE	27-OCT-82	24-NOV-82	1	32000	-0.000001
S-56	BROOMFIELD	27-OCT-82	24-NOV-82	1	31000	0.000000
S-57	WALNUT CREEK	27-OCT-82	24-NOV-82	1	31000	0.000000
S-58	WAGNER	27-OCT-82	24-NOV-82	1	30000	-0.000002
S-59	LEYDEN	27-OCT-82	24-NOV-82	1	33000	-0.000002
S-60	WESTMINSTER	27-OCT-82	24-NOV-82	1	27000	-0.000005
S-61	DENVER	27-OCT-82	24-NOV-82	1	31000	-0.000001
S-62	GOLDEN	27-OCT-82	24-NOV-82	1	30000	-0.000003
S-51	MARSHALL	24-NOV-82	22-DEC-82	1	30000	-0.000006
S-52	JEFFCO AIRPORT	24-NOV-82	22-DEC-82	1	31000	-0.000003
S-53	SUPERIOR	24-NOV-82	22-DEC-82	1	24000	-0.000004
S-54	BOULDER	24-NOV-82	22-DEC-82	1	29000	-0.000001
S-55	LAFAYETTE	24-NOV-82	22-DEC-82	1	32000	-0.000002
S-56	BROOMFIELD	24-NOV-82	22-DEC-82	1	26000	-0.000004
S-57	WALNUT CREEK	24-NOV-82	22-DEC-82	1	29000	-0.000003
S-58	WAGNER	24-NOV-82	22-DEC-82	1	29000	-0.000001
S-59	LEYDEN	24-NOV-82	22-DEC-82	1	30000	-0.000002
S-60	WESTMINSTER	24-NOV-82	22-DEC-82	1	28000	-0.000002
S-61	DENVER	24-NOV-82	22-DEC-82	1	29000	-0.000003
S-62	GOLDEN	24-NOV-82	22-DEC-82	1	31000	-0.000001

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1982

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-56	0.000005	0.000010	0.000006	10	82
S-57	0.000002	0.000007	0.000005	10	82
S-58	0.000003	0.000007	0.000004	10	82
S-59	0.000002	0.000006	0.000005	10	82
S-60	0.000002	0.000008	0.000006	10	82
S-61	0.000000	0.000005	0.000005	10	82
S-62	0.000006	0.000010	0.000004	10	82
S-51	0.000005	0.000009	0.000005	11	82
S-52	0.000000	0.000002	0.000002	11	82
S-53	0.000004	0.000009	0.000005	11	82
S-54	0.000001	0.000004	0.000003	11	82
S-55	0.000002	0.000005	0.000003	11	82
S-56	0.000004	0.000007	0.000004	11	82
S-57	0.000004	0.000008	0.000004	11	82
S-58	0.000001	0.000004	0.000003	11	82
S-59	0.000000	0.000003	0.000003	11	82
S-60	0.000001	0.000007	0.000006	11	82
S-61	0.000001	0.000003	0.000002	11	82
S-62	0.000000	0.000002	0.000003	11	82
S-51	-0.000002	0.000002	0.000004	12	82
S-52	0.000000	0.000003	0.000003	12	82
S-53	0.000000	0.000004	0.000004	12	82
S-54	0.000002	0.000005	0.000003	12	82
S-55	0.000002	0.000006	0.000004	12	82
S-56	-0.000001	0.000002	0.000003	12	82
S-57	0.000000	0.000003	0.000003	12	82
S-58	0.000002	0.000005	0.000003	12	82
S-59	0.000000	0.000003	0.000003	12	82
S-60	0.000001	0.000004	0.000003	12	82
S-61	0.000000	0.000002	0.000003	12	82
S-62	0.000001	0.000004	0.000003	12	82

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1983

LOCATION	PT _{EST} CONC ($\mu\text{Ci}/\text{m}^3$)	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-51	0.000003	0.000006	0.000003	01	83
S-52	0.000001	0.000003	0.000002	01	83
S-53	-0.000002	0.000001	0.000003	01	83
S-54	0.000000	0.000003	0.000003	01	83
S-55	0.000002	0.000004	0.000003	01	83
S-56	0.000002	0.000007	0.000005	01	83
S-57	0.000001	0.000003	0.000002	01	83
S-58	0.000001	0.000003	0.000002	01	83
S-59	-0.000001	0.000001	0.000002	01	83
S-60	0.000000	0.000002	0.000003	01	83
S-61	0.000000	0.000003	0.000003	01	83
S-62	0.000001	0.000003	0.000002	01	83
S-51	0.000002	0.000005	0.000003	02	83
S-52	0.000002	0.000005	0.000003	02	83
S-53	0.000000	0.000004	0.000004	02	83
S-54	0.000003	0.000006	0.000003	02	83
S-55	0.000001	0.000003	0.000003	02	83
S-56	0.000000	0.000003	0.000004	02	83
S-57	0.000002	0.000005	0.000003	02	83
S-58	0.000001	0.000004	0.000003	02	83
S-59	-0.000001	0.000002	0.000003	02	83
S-60	0.000003	0.000006	0.000003	02	83
S-61	0.000002	0.000004	0.000003	02	83
S-62	0.000002	0.000005	0.000003	02	83
S-73	0.000002	0.000007	0.000006	02	83
S-51	0.000004	0.000006	0.000002	03	83
S-52	0.000006	0.000011	0.000005	03	83
S-53	0.000002	0.000005	0.000003	03	83
S-54	0.000002	0.000003	0.000002	03	83
S-55	0.000002	0.000004	0.000002	03	83
S-56	0.000002	0.000004	0.000002	03	83
S-57	0.000008	0.000015	0.000008	03	83
S-58	0.000001	0.000004	0.000004	03	83
S-59	0.000011	0.000019	0.000009	03	83
S-60	0.000001	0.000003	0.000002	03	83
S-61	0.000003	0.000005	0.000002	03	83
S-62	0.000002	0.000004	0.000002	03	83
S-73	0.000002	0.000004	0.000002	03	83
S-51	0.000007	0.000011	0.000004	04	83
S-52	0.000001	0.000003	0.000003	04	83
S-53	0.000006	0.000010	0.000004	04	83
S-54	0.000002	0.000004	0.000002	04	83
S-55	0.000003	0.000006	0.000003	04	83
S-56	0.000002	0.000004	0.000002	04	83
S-57	0.000001	0.000003	0.000002	04	83
S-58	0.000002	0.000003	0.000002	04	83
S-59	0.000002	0.000004	0.000003	04	83
S-60	0.000001	0.000003	0.000002	04	83
S-61	0.000002	0.000004	0.000002	04	83
S-62	0.000001	0.000003	0.000002	04	83
S-73	0.000002	0.000004	0.000003	04	83
S-51	0.000002	0.000004	0.000002	05	83
S-52	0.000005	0.000008	0.000003	05	83
S-53	0.000003	0.000007	0.000004	05	83

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1983

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-54	BOULDER	27-APR-83	02-JUN-83	1	40000	0.000002
S-55	LAFAYETTE	27-APR-83	02-JUN-83	1	41000	-0.000001
S-56	BROOMFIELD	27-APR-83	02-JUN-83	1	38000	0.000001
S-57	WALNUT CREEK	27-APR-83	02-JUN-83	1	37000	0.000001
S-58	WAGNER	27-APR-83	02-JUN-83	1	38000	0.000001
S-59	LEYDEN	27-APR-83	02-JUN-83	1	38000	0.000000
S-60	WESTMINSTER	27-APR-83	02-JUN-83	1	36000	0.000000
S-61	DENVER	27-APR-83	02-JUN-83	1	41000	0.000001
S-62	GOLDEN	27-APR-83	02-JUN-83	1	37000	0.000000
S-73	COTTON CREEK	27-APR-83	02-JUN-83	1	26000	0.000002
S-51	MARSHALL	02-JUN-83	29-JUN-83	1	27000	0.000003
S-52	JEFFCO AIRPORT	02-JUN-83	29-JUN-83	1	26000	0.000000
S-53	SUPERIOR	02-JUN-83	29-JUN-83	1	23000	0.000026
S-54	BOULDER	02-JUN-83	29-JUN-83	1	29000	0.000003
S-55	LAFAYETTE	02-JUN-83	29-JUN-83	1	28000	0.000009
S-56	BROOMFIELD	02-JUN-83	29-JUN-83	1	26000	0.000004
S-57	WALNUT CREEK	02-JUN-83	29-JUN-83	1	28000	0.000008
S-58	WAGNER	02-JUN-83	29-JUN-83	1	24000	0.000004
S-59	LEYDEN	02-JUN-83	29-JUN-83	1	28000	0.000004
S-60	WESTMINSTER	02-JUN-83	29-JUN-83	1	26000	0.000004
S-61	DENVER	02-JUN-83	29-JUN-83	1	28000	0.000003
S-62	GOLDEN	02-JUN-83	29-JUN-83	1	27000	0.000004
S-73	COTTON CREEK	02-JUN-83	29-JUN-83	1	31000	0.000010
S-51	MARSHALL	29-JUN-83	27-JUL-83	1	27000	0.000006
S-52	JEFFCO AIRPORT	29-JUN-83	27-JUL-83	1	26000	0.000003
S-53	SUPERIOR	29-JUN-83	27-JUL-83	1	24000	0.000003
S-54	BOULDER	29-JUN-83	27-JUL-83	1	31000	0.000002
S-55	LAFAYETTE	29-JUN-83	27-JUL-83	1	29000	0.000004
S-56	BROOMFIELD	29-JUN-83	27-JUL-83	1	26000	0.000002
S-57	WALNUT CREEK	29-JUN-83	27-JUL-83	1	29000	0.000006
S-58	WAGNER	29-JUN-83	27-JUL-83	1	30000	0.000002
S-59	LEYDEN	29-JUN-83	27-JUL-83	1	29000	0.000001
S-60	WESTMINSTER	29-JUN-83	27-JUL-83	1	26000	0.000001
S-61	DENVER	29-JUN-83	27-JUL-83	1	29000	0.000002
S-62	GOLDEN	29-JUN-83	27-JUL-83	1	27000	0.000003
S-73	COTTON CREEK	29-JUN-83	27-JUL-83	1	31000	0.000006
S-51	MARSHALL	26-JUL-83	23-AUG-83	1	27000	-0.000001
S-52	JEFFCO AIRPORT	26-JUL-83	23-AUG-83	1	25000	0.000005
S-53	SUPERIOR	26-JUL-83	23-AUG-83	1	24000	-0.000003
S-54	BOULDER	26-JUL-83	23-AUG-83	1	31000	-0.000002
S-55	LAFAYETTE	26-JUL-83	23-AUG-83	1	29000	0.000000
S-56	BROOMFIELD	26-JUL-83	23-AUG-83	1	26000	-0.000002
S-57	WALNUT CREEK	26-JUL-83	23-AUG-83	1	27000	0.000002
S-58	WAGNER	26-JUL-83	23-AUG-83	1	28000	0.000001
S-59	LEYDEN	26-JUL-83	23-AUG-83	1	27000	0.000002
S-60	WESTMINSTER	26-JUL-83	23-AUG-83	1	27000	-0.000001
S-61	DENVER	26-JUL-83	23-AUG-83	1	29000	0.000001
S-62	GOLDEN	26-JUL-83	23-AUG-83	1	27000	0.000002
S-73	COTTON CREEK	26-JUL-83	23-AUG-83	1	28000	0.000004
S-51	MARSHALL	23-AUG-83	21-SEP-83	1	28000	0.000003
S-52	JEFFCO AIRPORT	23-AUG-83	21-SEP-83	1	14000	0.000005
S-53	SUPERIOR	23-AUG-83	21-SEP-83	1	25000	0.000002
S-54	BOULDER	23-AUG-83	21-SEP-83	1	31000	0.000001
S-55	LAFAYETTE	23-AUG-83	21-SEP-83	1	20000	0.000006

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1983

LOCATION	PT EST CONC. (pCi/m^3)	UCL (pCi/m^3)	ERROR (pCi/m^3)	MONTH	YEAR
S-54	0.000004	0.000006	0.000002	05	83
S-55	0.000002	0.000004	0.000003	05	83
S-56	0.000004	0.000006	0.000003	05	83
S-57	0.000003	0.000005	0.000002	05	83
S-58	0.000003	0.000005	0.000002	05	83
S-59	0.000002	0.000004	0.000002	05	83
S-60	0.000002	0.000004	0.000002	05	83
S-61	0.000002	0.000004	0.000002	05	83
S-62	0.000002	0.000004	0.000002	05	83
S-73	0.000005	0.000008	0.000003	05	83
S-51	0.000007	0.000011	0.000004	06	83
S-52	0.000003	0.000006	0.000003	06	83
S-53	0.000034	0.000043	0.000009	06	83
S-54	0.000006	0.000010	0.000004	06	83
S-55	0.000013	0.000018	0.000005	06	83
S-56	0.000008	0.000011	0.000003	06	83
S-57	0.000011	0.000016	0.000004	06	83
S-58	0.000008	0.000013	0.000005	06	83
S-59	0.000008	0.000011	0.000003	06	83
S-60	0.000008	0.000012	0.000004	06	83
S-61	0.000006	0.000009	0.000003	06	83
S-62	0.000007	0.000011	0.000003	06	83
S-73	0.000015	0.000019	0.000005	06	83
S-51	0.000011	0.000017	0.000006	07	83
S-52	0.000006	0.000008	0.000003	07	83
S-53	0.000005	0.000007	0.000002	07	83
S-54	0.000004	0.000005	0.000001	07	83
S-55	0.000006	0.000008	0.000002	07	83
S-56	0.000004	0.000006	0.000002	07	83
S-57	0.000008	0.000011	0.000002	07	83
S-58	0.000004	0.000006	0.000002	07	83
S-59	0.000003	0.000005	0.000002	07	83
S-60	0.000003	0.000005	0.000002	07	83
S-61	0.000004	0.000006	0.000002	07	83
S-62	0.000005	0.000008	0.000003	07	83
S-73	0.000008	0.000011	0.000002	07	83
S-51	0.000003	0.000007	0.000004	08	83
S-52	0.000011	0.000017	0.000006	08	83
S-53	0.000007	0.000017	0.000010	08	83
S-54	0.000000	0.000001	0.000002	08	83
S-55	0.000002	0.000004	0.000002	08	83
S-56	0.000002	0.000007	0.000005	08	83
S-57	0.000005	0.000008	0.000003	08	83
S-58	0.000004	0.000007	0.000003	08	83
S-59	0.000005	0.000008	0.000003	08	83
S-60	0.000003	0.000006	0.000004	08	83
S-61	0.000003	0.000006	0.000003	08	83
S-62	0.000007	0.000013	0.000006	08	83
S-73	0.000007	0.000010	0.000003	08	83
S-51	0.000007	0.000011	0.000004	09	83
S-52	0.000014	0.000024	0.000010	09	83
S-53	0.000005	0.000009	0.000004	09	83
S-54	0.000003	0.000006	0.000003	09	83
S-55	0.000011	0.000017	0.000006	09	83

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1983

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-56	BROOMFIELD	23-AUG-83	21-SEP-83	1	24000	-0.000004
S-57	WALNUT CREEK	23-AUG-83	21-SEP-83	1	31000	0.000001
S-58	WAGNER	23-AUG-83	21-SEP-83	1	32000	0.000000
S-59	LEYDEN	23-AUG-83	21-SEP-83	1	30000	0.000002
S-60	WESTMINSTER	23-AUG-83	21-SEP-83	1	27000	-0.000002
S-61	DENVER	23-AUG-83	21-SEP-83	1	28000	0.000007
S-62	GOLDEN	23-AUG-83	21-SEP-83	1	27000	0.000003
S-73	COTTON CREEK	23-AUG-83	21-SEP-83	1	27000	0.000002
S-51	MARSHALL	21-SEP-83	02-NOV-83	1	42000	0.000003
S-52	JEFFCO AIRPORT	21-SEP-83	02-NOV-83	1	38000	0.000001
S-53	SUPERIOR	21-SEP-83	02-NOV-83	1	34000	0.000000
S-54	BOULDER	21-SEP-83	02-NOV-83	1	47000	0.000006
S-55	LAFAYETTE	21-SEP-83	02-NOV-83	1	42000	0.000001
S-56	BROOMFIELD	21-SEP-83	02-NOV-83	1	34000	-0.000001
S-57	WALNUT CREEK	21-SEP-83	02-NOV-83	1	43000	0.000002
S-58	WAGNER	21-SEP-83	02-NOV-83	1	48000	0.000002
S-59	LEYDEN	21-SEP-83	02-NOV-83	1	43000	-0.000001
S-60	WESTMINSTER	21-SEP-83	02-NOV-83	1	38000	0.000000
S-61	DENVER	21-SEP-83	02-NOV-83	1	41000	0.000003
S-62	GOLDEN	21-SEP-83	02-NOV-83	1	39000	0.000002
S-73	COTTON CREEK	21-SEP-83	02-NOV-83	1	44000	0.000002
S-51	MARSHALL	02-NOV-83	30-NOV-83	1	25000	0.000000
S-52	JEFFCO AIRPORT	02-NOV-83	30-NOV-83	1	28000	0.000000
S-53	SUPERIOR	02-NOV-83	30-NOV-83	1	25000	0.000011
S-54	BOULDER	02-NOV-83	30-NOV-83	1	32000	0.000000
S-55	LAFAYETTE	02-NOV-83	30-NOV-83	1	28000	0.000001
S-56	BROOMFIELD	02-NOV-83	30-NOV-83	0		
S-57	WALNUT CREEK	02-NOV-83	30-NOV-83	1	20000	0.000001
S-58	WAGNER	02-NOV-83	30-NOV-83	1	32000	0.000003
S-59	LEYDEN	02-NOV-83	30-NOV-83	1	30000	-0.000001
S-60	WESTMINSTER	02-NOV-83	30-NOV-83	1	26000	0.000000
S-61	DENVER	02-NOV-83	30-NOV-83	1	27000	0.000176
S-62	GOLDEN	02-NOV-83	30-NOV-83	1	31000	0.000005
S-73	COTTON CREEK	02-NOV-83	30-NOV-83	1	27000	0.000001
S-51	MARSHALL	30-NOV-83	22-DEC-83	1	17000	0.000002
S-52	JEFFCO AIRPORT	30-NOV-83	22-DEC-83	1	24000	-0.000002
S-53	SUPERIOR	30-NOV-83	22-DEC-83	1	20000	0.000454
S-54	BOULDER	30-NOV-83	22-DEC-83	0		
S-55	LAFAYETTE	30-NOV-83	22-DEC-83	1	23000	-0.000009
S-56	BROOMFIELD	30-NOV-83	22-DEC-83	1	15000	-0.000003
S-57	WALNUT CREEK	30-NOV-83	22-DEC-83	1	25000	-0.000001
S-58	WAGNER	30-NOV-83	22-DEC-83	1	25000	-0.000003
S-59	LEYDEN	30-NOV-83	22-DEC-83	1	24000	-0.000001
S-60	WESTMINSTER	30-NOV-83	22-DEC-83	1	21000	-0.000002
S-61	DENVER	30-NOV-83	22-DEC-83	1	23000	-0.000001
S-62	GOLDEN	30-NOV-83	22-DEC-83	1	23000	-0.000001
S-73	COTTON CREEK	30-NOV-83	22-DEC-83	1	25000	0.000000

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1983

LOCATION	PT _{EST} CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-56	0.000007	0.000017	0.000011	09	83
S-57	0.000004	0.000008	0.000004	09	83
S-58	0.000002	0.000005	0.000003	09	83
S-59	0.000006	0.000011	0.000005	09	83
S-60	0.000002	0.000005	0.000004	09	83
S-61	0.000010	0.000013	0.000003	09	83
S-62	0.000008	0.000013	0.000005	09	83
S-73	0.000008	0.000014	0.000006	09	83
S-51	0.000005	0.000008	0.000003	10	83
S-52	0.000003	0.000005	0.000002	10	83
S-53	0.000001	0.000002	0.000001	10	83
S-54	0.000009	0.000012	0.000003	10	83
S-55	0.000002	0.000004	0.000002	10	83
S-56	0.000002	0.000004	0.000003	10	83
S-57	0.000004	0.000006	0.000002	10	83
S-58	0.000004	0.000006	0.000002	10	83
S-59	0.000001	0.000002	0.000002	10	83
S-60	0.000001	0.000003	0.000002	10	83
S-61	0.000006	0.000008	0.000003	10	83
S-62	0.000005	0.000007	0.000003	10	83
S-73	0.000003	0.000005	0.000001	10	83
S-51	0.000001	0.000003	0.000002	11	83
S-52	0.000002	0.000003	0.000002	11	83
S-53	0.000013	0.000016	0.000003	11	83
S-54	0.000002	0.000003	0.000002	11	83
S-55	0.000002	0.000003	0.000001	11	83
S-56				11	83
S-57	0.000004	0.000007	0.000003	11	83
S-58	0.000004	0.000006	0.000002	11	83
S-59	0.000000	0.000002	0.000002	11	83
S-60	0.000002	0.000004	0.000002	11	83
S-61	0.000200	0.000229	0.000027	11	83
S-62	0.000006	0.000007	0.000001	11	83
S-73	0.000003	0.000006	0.000003	11	83
S-51	0.000006	0.000011	0.000005	12	83
S-52	0.000000	0.000002	0.000002	12	83
S-53	0.000528	0.000617	0.000081	12	83
S-54				12	83
S-55	-0.000004	0.000001	0.000005	12	83
S-56	0.000000	0.000002	0.000003	12	83
S-57	0.000001	0.000003	0.000002	12	83
S-58	-0.000001	0.000002	0.000003	12	83
S-59	0.000002	0.000006	0.000004	12	83
S-60	0.000000	0.000002	0.000002	12	83
S-61	0.000001	0.000002	0.000002	12	83
S-62	0.000000	0.000002	0.000002	12	83
S-73	0.000002	0.000004	0.000002	12	83

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1984

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	20-DEC-83	01-FEB-84	1	29000	0.000007
S-52	JEFFCO AIRPORT	20-DEC-83	01-FEB-84	1	51000	0.000000
S-53	SUPERIOR	20-DEC-83	01-FEB-84	1	41000	0.000000
S-54	BOULDER	20-DEC-83	01-FEB-84	1	49000	-0.000001
S-55	LAFAYETTE	20-DEC-83	01-FEB-84	1	45000	-0.000001
S-56	BROOMFIELD	20-DEC-83	01-FEB-84	1	30000	0.000005
S-57	WALNUT CREEK	20-DEC-83	01-FEB-84	1	49000	0.000000
S-58	WAGNER	20-DEC-83	01-FEB-84	1	49000	0.000000
S-59	LEYDEN	20-DEC-83	01-FEB-84	1	49000	0.000000
S-60	WESTMINSTER	20-DEC-83	01-FEB-84	1	40000	-0.000002
S-61	DENVER	20-DEC-83	01-FEB-84	1	38000	0.000002
S-62	GOLDEN	20-DEC-83	01-FEB-84	1	47000	0.000001
S-73	COTTON CREEK	20-DEC-83	01-FEB-84	1	31000	0.000000
S-51	MARSHALL	01-FEB-84	29-FEB-84	1	29000	-0.000002
S-52	JEFFCO AIRPORT	01-FEB-84	29-FEB-84	1	32000	-0.000004
S-53	SUPERIOR	01-FEB-84	29-FEB-84	1	27000	-0.000002
S-54	BOULDER	01-FEB-84	29-FEB-84	1	32000	0.000004
S-55	LAFAYETTE	01-FEB-84	29-FEB-84	1	32000	0.000005
S-56	BROOMFIELD	01-FEB-84	29-FEB-84	1	22000	-0.000007
S-57	WALNUT CREEK	01-FEB-84	29-FEB-84	1	31000	0.000005
S-58	WAGNER	01-FEB-84	29-FEB-84	1	31000	0.000002
S-59	LEYDEN	01-FEB-84	29-FEB-84	1	33000	0.000000
S-60	WESTMINSTER	01-FEB-84	29-FEB-84	1	28000	-0.000001
S-61	DENVER	01-FEB-84	29-FEB-84	1	25000	0.000010
S-62	GOLDEN	01-FEB-84	29-FEB-84	1	31000	0.000004
S-73	COTTON CREEK	01-FEB-84	29-FEB-84	1	29000	0.000000
S-51	MARSHALL	28-FEB-84	28-MAR-84	1	29000	-0.000001
S-52	JEFFCO AIRPORT	28-FEB-84	28-MAR-84	1	32000	0.000000
S-53	SUPERIOR	28-FEB-84	28-MAR-84	1	27000	0.000002
S-54	BOULDER	28-FEB-84	28-MAR-84	1	32000	0.000002
S-55	LAFAYETTE	28-FEB-84	28-MAR-84	1	32000	0.000002
S-56	BROOMFIELD	28-FEB-84	28-MAR-84	1	22000	0.000001
S-57	WALNUT CREEK	28-FEB-84	28-MAR-84	1	31000	0.000000
S-58	WAGNER	28-FEB-84	28-MAR-84	1	31000	0.000005
S-59	LEYDEN	28-FEB-84	28-MAR-84	1	33000	0.000000
S-60	WESTMINSTER	28-FEB-84	28-MAR-84	1	28000	-0.000001
S-61	DENVER	28-FEB-84	28-MAR-84	1	25000	0.000001
S-62	GOLDEN	28-FEB-84	28-MAR-84	1	31000	0.000000
S-73	COTTON CREEK	28-FEB-84	28-MAR-84	1	29000	-0.000001
S-51	MARSHALL	28-MAR-84	25-APR-84	1	29000	0.000005
S-52	JEFFCO AIRPORT	28-MAR-84	25-APR-84	1	33000	0.000001
S-53	SUPERIOR	28-MAR-84	25-APR-84	1	29000	0.000002
S-54	BOULDER	28-MAR-84	25-APR-84	1	32000	0.000005
S-55	LAFAYETTE	28-MAR-84	25-APR-84	1	33000	0.000003
S-56	BROOMFIELD	28-MAR-84	25-APR-84	1	31000	0.000004
S-57	WALNUT CREEK	28-MAR-84	25-APR-84	1	30000	0.000005
S-58	WAGNER	28-MAR-84	25-APR-84	1	31000	0.000002
S-59	LEYDEN	28-MAR-84	25-APR-84	1	34000	0.000001
S-60	WESTMINSTER	28-MAR-84	25-APR-84	1	31000	0.000002
S-61	DENVER	28-MAR-84	25-APR-84	1	29000	0.000002
S-62	GOLDEN	28-MAR-84	25-APR-84	1	33000	0.000003
S-73	COTTON CREEK	28-MAR-84	25-APR-84	1	33000	0.000005
S-51	MARSHALL	24-APR-84	22-MAY-84	1	27000	0.000001
S-52	JEFFCO AIRPORT	24-APR-84	22-MAY-84	1	30000	0.000005

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1984

LOCATION	PT EST CONC. (pCi/m^3)	UCL (pCi/m^3)	ERROR (pCi/m^3)	MONTH	YEAR
S-51	0.000010	0.000013	0.000003	01	84
S-52	0.000002	0.000004	0.000002	01	84
S-53	0.000001	0.000002	0.000001	01	84
S-54	0.000001	0.000003	0.000002	01	84
S-55	0.000001	0.000003	0.000002	01	84
S-56	0.000008	0.000011	0.000003	01	84
S-57	0.000002	0.000004	0.000002	01	84
S-58	0.000002	0.000004	0.000002	01	84
S-59	0.000001	0.000002	0.000001	01	84
S-60	0.000001	0.000004	0.000003	01	84
S-61	0.000004	0.000006	0.000002	01	84
S-62	0.000002	0.000003	0.000001	01	84
S-73	0.000002	0.000004	0.000002	01	84
S-51	0.000004	0.000010	0.000006	02	84
S-52	0.000002	0.000008	0.000006	02	84
S-53	0.000002	0.000006	0.000004	02	84
S-54	0.000007	0.000010	0.000003	02	84
S-55	0.000009	0.000013	0.000004	02	84
S-56	0.000001	0.000009	0.000008	02	84
S-57	0.000008	0.000011	0.000003	02	84
S-58	0.000003	0.000004	0.000001	02	84
S-59	0.000001	0.000002	0.000001	02	84
S-60	0.000003	0.000007	0.000004	02	84
S-61	0.000013	0.000016	0.000003	02	84
S-62	0.000006	0.000008	0.000002	02	84
S-73	0.000003	0.000006	0.000003	02	84
S-51	0.000003	0.000007	0.000004	03	84
S-52	0.000002	0.000004	0.000002	03	84
S-53	0.000005	0.000008	0.000003	03	84
S-54	0.000004	0.000006	0.000002	03	84
S-55	0.000004	0.000006	0.000002	03	84
S-56	0.000005	0.000009	0.000004	03	84
S-57	0.000002	0.000004	0.000002	03	84
S-58	0.000009	0.000014	0.000005	03	84
S-59	0.000002	0.000004	0.000002	03	84
S-60	0.000001	0.000003	0.000002	03	84
S-61	0.000004	0.000007	0.000003	03	84
S-62	0.000002	0.000004	0.000002	03	84
S-73	0.000001	0.000003	0.000002	03	84
S-51	0.000008	0.000011	0.000003	04	84
S-52	0.000004	0.000007	0.000003	04	84
S-53	0.000004	0.000006	0.000002	04	84
S-54	0.000010	0.000015	0.000005	04	84
S-55	0.000006	0.000009	0.000003	04	84
S-56	0.000007	0.000012	0.000004	04	84
S-57	0.000009	0.000013	0.000004	04	84
S-58	0.000005	0.000008	0.000003	04	84
S-59	0.000004	0.000007	0.000003	04	84
S-60	0.000005	0.000008	0.000003	04	84
S-61	0.000005	0.000008	0.000003	04	84
S-62	0.000006	0.000009	0.000003	04	84
S-73	0.000009	0.000013	0.000004	04	84
S-51	0.000004	0.000006	0.000003	05	84
S-52	0.000008	0.000011	0.000003	05	84

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1984

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-53	SUPERIOR	24-APR-84	22-MAY-84	1	28000	0.000003
S-54	BOULDER	24-APR-84	22-MAY-84	1	31000	0.000000
S-55	LAFAYETTE	24-APR-84	22-MAY-84	1	32000	0.000000
S-56	BROOMFIELD	24-APR-84	22-MAY-84	1	31000	0.000001
S-57	WALNUT CREEK	24-APR-84	22-MAY-84	1	28000	0.000006
S-58	WAGNER	24-APR-84	22-MAY-84	1	38000	0.000005
S-59	LEYDEN	24-APR-84	22-MAY-84	1	33000	0.000002
S-60	WESTMINSTER	24-APR-84	22-MAY-84	1	28000	0.000002
S-61	DENVER	24-APR-84	22-MAY-84	1	30000	0.000006
S-62	GOLDEN	24-APR-84	22-MAY-84	1	31000	0.000001
S-73	COTTON CREEK	24-APR-84	22-MAY-84	1	30000	0.000004
S-51	MARSHALL	22-MAY-84	19-JUN-84	1	27000	-0.000004
S-52	JEFFCO AIRPORT	22-MAY-84	19-JUN-84	1	30000	0.000002
S-53	SUPERIOR	22-MAY-84	19-JUN-84	1	25000	0.000011
S-54	BOULDER	22-MAY-84	19-JUN-84	1	31000	0.000000
S-55	LAFAYETTE	22-MAY-84	19-JUN-84	1	32000	0.000002
S-56	BROOMFIELD	22-MAY-84	19-JUN-84	1	31000	0.000001
S-57	WALNUT CREEK	22-MAY-84	19-JUN-84	1	29000	0.000001
S-58	WAGNER	22-MAY-84	19-JUN-84	1	30000	0.000003
S-59	LEYDEN	22-MAY-84	19-JUN-84	1	33000	0.000004
S-60	WESTMINSTER	22-MAY-84	19-JUN-84	1	29000	0.000002
S-61	DENVER	22-MAY-84	19-JUN-84	1	30000	0.000000
S-62	GOLDEN	22-MAY-84	19-JUN-84	1	31000	0.000004
S-73	COTTON CREEK	22-MAY-84	19-JUN-84	1	31000	0.000003
S-51	MARSHALL	20-JUN-84	01-AUG-84	1	40000	0.000001
S-52	JEFFCO AIRPORT	20-JUN-84	01-AUG-84	1	41000	0.000003
S-53	SUPERIOR	20-JUN-84	01-AUG-84	1	41000	0.000003
S-54	BOULDER	20-JUN-84	01-AUG-84	1	45000	0.000001
S-55	LAFAYETTE	20-JUN-84	01-AUG-84	1	45000	0.000001
S-56	BROOMFIELD	20-JUN-84	01-AUG-84	1	45000	0.000003
S-57	WALNUT CREEK	20-JUN-84	01-AUG-84	1	39000	0.000003
S-58	WAGNER	20-JUN-84	01-AUG-84	1	45000	0.000003
S-59	LEYDEN	20-JUN-84	01-AUG-84	1	48000	0.000003
S-60	WESTMINSTER	20-JUN-84	01-AUG-84	0		
S-61	DENVER	20-JUN-84	01-AUG-84	1	36000	0.000001
S-62	GOLDEN	20-JUN-84	01-AUG-84	1	47000	0.000000
S-73	COTTON CREEK	20-JUN-84	01-AUG-84	1	46000	0.000003
S-51	MARSHALL	31-JUL-84	28-AUG-84	1	26000	0.000001
S-52	JEFFCO AIRPORT	31-JUL-84	28-AUG-84	1	29000	0.000000
S-53	SUPERIOR	31-JUL-84	28-AUG-84	1	29000	0.000001
S-54	BOULDER	31-JUL-84	28-AUG-84	1	31000	-0.000002
S-55	LAFAYETTE	31-JUL-84	28-AUG-84	1	31000	-0.000009
S-56	BROOMFIELD	31-JUL-84	28-AUG-84	1	30000	-0.000001
S-57	WALNUT CREEK	31-JUL-84	28-AUG-84	1	28000	0.000008
S-58	WAGNER	31-JUL-84	28-AUG-84	1	30000	0.000003
S-59	LEYDEN	31-JUL-84	28-AUG-84	3	32000	0.000002
S-60	WESTMINSTER	31-JUL-84	28-AUG-84	1	23000	0.000013
S-61	DENVER	31-JUL-84	28-AUG-84	1	28000	0.000000
S-62	GOLDEN	31-JUL-84	28-AUG-84	1	32000	-0.000001
S-73	COTTON CREEK	31-JUL-84	28-AUG-84	1	46000	0.000000
S-51	MARSHALL	29-AUG-84	26-SEP-84	1	27000	0.000002
S-52	JEFFCO AIRPORT	29-AUG-84	26-SEP-84	1	29000	0.000001
S-53	SUPERIOR	29-AUG-84	26-SEP-84	1	29000	0.000006
S-54	BOULDER	29-AUG-84	26-SEP-84	1	31000	0.000002

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1984

LOCATION	PT CONC. (pCi/m^3)	EST.	UCL (pCi/m^3)	ERROR (pCi/m^3)	MONTH	YEAR
S-53		0.000007	0.000010	0.000004	05	84
S-54		0.000002	0.000006	0.000003	05	84
S-55		0.000004	0.000007	0.000004	05	84
S-56		0.000004	0.000007	0.000003	05	84
S-57		0.000010	0.000014	0.000004	05	84
S-58		0.000009	0.000014	0.000005	05	84
S-59		0.000004	0.000006	0.000002	05	84
S-60		0.000007	0.000012	0.000005	05	84
S-61		0.000010	0.000014	0.000004	05	84
S-62		0.000004	0.000006	0.000003	05	84
S-73		0.000007	0.000010	0.000003	05	84
S-51		0.000001	0.000011	0.000008	06	84
S-52		0.000006	0.000011	0.000005	06	84
S-53		0.000016	0.000021	0.000005	06	84
S-54		0.000004	0.000008	0.000004	06	84
S-55		0.000005	0.000008	0.000003	06	84
S-56		0.000004	0.000007	0.000003	06	84
S-57		0.000008	0.000015	0.000007	06	84
S-58		0.000006	0.000009	0.000003	06	84
S-59		0.000008	0.000012	0.000004	06	84
S-60		0.000010	0.000012	0.000005	06	84
S-61		0.000008	0.000016	0.000008	06	84
S-62		0.000008	0.000012	0.000004	06	84
S-73		0.000006	0.000009	0.000003	06	84
S-51		0.000003	0.000004	0.000002	07	84
S-52		0.000005	0.000007	0.000002	07	84
S-53		0.000006	0.000009	0.000003	07	84
S-54		0.000004	0.000007	0.000003	07	84
S-55		0.000004	0.000007	0.000003	07	84
S-56		0.000006	0.000009	0.000003	07	84
S-57		0.000005	0.000007	0.000002	07	84
S-58		0.000005	0.000007	0.000002	07	84
S-59		0.000005	0.000007	0.000002	07	84
S-60					07	84
S-61		0.000002	0.000003	0.000001	07	84
S-62		0.000002	0.000004	0.000002	07	84
S-73		0.000005	0.000007	0.000002	07	84
S-51		0.000004	0.000007	0.000003	08	84
S-52		0.000003	0.000006	0.000003	08	84
S-53		0.000002	0.000004	0.000002	08	84
S-54		0.000002	0.000004	0.000003	08	84
S-55	-0.000001	0.000008	0.000009	0.000008	08	84
S-56		0.000002	0.000005	0.000003	08	84
S-57		0.000013	0.000018	0.000005	08	84
S-58		0.000006	0.000009	0.000003	08	84
S-59		0.000004	0.000006	0.000002	08	84
S-60		0.000019	0.000025	0.000006	08	84
S-61		0.000001	0.000002	0.000001	08	84
S-62		0.000002	0.000005	0.000003	08	84
S-73		0.000002	0.000004	0.000002	08	84
S-51		0.000003	0.000004	0.000001	09	84
S-52		0.000002	0.000003	0.000001	09	84
S-53		0.000007	0.000008	0.000001	09	84
S-54		0.000003	0.000004	0.000001	09	84

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1984

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-55	LAFAYETTE	29-AUG-84	26-SEP-84	1	28000	0.000008
S-56	BROOMFIELD	29-AUG-84	26-SEP-84	1	31000	0.000002
S-57	WALNUT CREEK	29-AUG-84	26-SEP-84	1	28000	0.000005
S-58	WAGNER	29-AUG-84	26-SEP-84	1	28000	0.000004
S-59	LEYDEN	29-AUG-84	26-SEP-84	1	33000	0.000002
S-60	WESTMINSTER	29-AUG-84	26-SEP-84	1	23000	0.000009
S-61	DENVER	29-AUG-84	26-SEP-84	1	24000	0.000006
S-62	GOLDEN	29-AUG-84	26-SEP-84	1	30000	0.000003
S-73	COTTON CREEK	29-AUG-84	26-SEP-84	1	31000	0.000004
S-51	MARSHALL	25-SEP-84	24-OCT-84	1	28000	0.000000
S-52	JEFFCO AIRPORT	25-SEP-84	24-OCT-84	1	32000	0.000003
S-53	SUPERIOR	25-SEP-84	24-OCT-84	1	30000	0.000003
S-54	BOULDER	25-SEP-84	24-OCT-84	1	32000	0.000002
S-55	LAFAYETTE	25-SEP-84	24-OCT-84	1	29000	0.000001
S-56	BROOMFIELD	25-SEP-84	24-OCT-84	1	32000	0.000002
S-57	WALNUT CREEK	25-SEP-84	24-OCT-84	1	29000	0.000004
S-58	WAGNER	25-SEP-84	24-OCT-84	1	30000	0.000001
S-59	LEYDEN	25-SEP-84	24-OCT-84	1	33000	0.000001
S-60	WESTMINSTER	25-SEP-84	24-OCT-84	1	21000	0.000009
S-61	DENVER	25-SEP-84	24-OCT-84	1	29000	0.000001
S-62	GOLDEN	25-SEP-84	24-OCT-84	1	32000	0.000003
S-73	COTTON CREEK	25-SEP-84	24-OCT-84	1	32000	0.000003
S-51	MARSHALL	24-OCT-84	19-NOV-84	1	26000	0.000006
S-52	JEFFCO AIRPORT	24-OCT-84	19-NOV-84	1	29000	0.000002
S-53	SUPERIOR	24-OCT-84	19-NOV-84	1	28000	0.000003
S-54	BOULDER	24-OCT-84	19-NOV-84	1	30000	0.000001
S-55	LAFAYETTE	24-OCT-84	19-NOV-84	1	26000	0.000011
S-56	BROOMFIELD	24-OCT-84	19-NOV-84	1	28000	0.000003
S-57	WALNUT CREEK	24-OCT-84	19-NOV-84	1	27000	0.000006
S-58	WAGNER	24-OCT-84	19-NOV-84	1	29000	0.000006
S-59	LEYDEN	24-OCT-84	19-NOV-84	1	31000	0.000004
S-60	WESTMINSTER	24-OCT-84	19-NOV-84	1	22000	0.000005
S-61	DENVER	24-OCT-84	19-NOV-84	1	27000	0.000003
S-62	GOLDEN	24-OCT-84	19-NOV-84	1	28000	0.000002
S-73	COTTON CREEK	24-OCT-84	19-NOV-84	1	27000	0.000001
S-51	MARSHALL	19-NOV-84	02-JAN-85	1	45000	0.000002
S-52	JEFFCO AIRPORT	19-NOV-84	02-JAN-85	1	51000	0.000005
S-53	SUPERIOR	19-NOV-84	02-JAN-85	1	47000	0.000002
S-54	BOULDER	19-NOV-84	02-JAN-85	1	35000	0.000000
S-55	LAFAYETTE	19-NOV-84	02-JAN-85	1	45000	0.000000
S-56	BROOMFIELD	19-NOV-84	02-JAN-85	1	49000	0.000000
S-57	WALNUT CREEK	19-NOV-84	02-JAN-85	1	47000	0.000001
S-58	WAGNER	19-NOV-84	02-JAN-85	1	48000	0.000001
S-59	LEYDEN	19-NOV-84	02-JAN-85	1	52000	0.000000
S-60	WESTMINSTER	19-NOV-84	02-JAN-85	1	39000	0.000010
S-61	DENVER	19-NOV-84	02-JAN-85	1	44000	0.000005
S-62	GOLDEN	19-NOV-84	02-JAN-85	1	48000	0.000000
S-73	COTTON CREEK	19-NOV-84	02-JAN-85	1	48000	0.000006

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1984

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-55	0.000010	0.000012	0.000002	09	84
S-56	0.000003	0.000004	0.000001	09	84
S-57	0.000007	0.000009	0.000002	09	84
S-58	0.000006	0.000008	0.000002	09	84
S-59	0.000003	0.000004	0.000001	09	84
S-60	0.000015	0.000021	0.000006	09	84
S-61	0.000007	0.000009	0.000001	09	84
S-62	0.000004	0.000005	0.000001	09	84
S-73	0.000005	0.000006	0.000001	09	84
S-51	0.000002	0.000004	0.000002	10	84
S-52	0.000005	0.000007	0.000002	10	84
S-53	0.000006	0.000009	0.000003	10	84
S-54	0.000004	0.000007	0.000003	10	84
S-55	0.000004	0.000006	0.000003	10	84
S-56	0.000004	0.000007	0.000003	10	84
S-57	0.000008	0.000013	0.000005	10	84
S-58	0.000003	0.000005	0.000002	10	84
S-59	0.000003	0.000005	0.000002	10	84
S-60	0.000014	0.000018	0.000005	10	84
S-61	0.000003	0.000005	0.000002	10	84
S-62	0.000005	0.000008	0.000003	10	84
S-73	0.000006	0.000008	0.000003	10	84
S-51	0.000009	0.000012	0.000003	11	84
S-52	0.000005	0.000007	0.000003	11	84
S-53	0.000006	0.000008	0.000003	11	84
S-54	0.000003	0.000005	0.000002	11	84
S-55	0.000017	0.000022	0.000006	11	84
S-56	0.000005	0.000007	0.000002	11	84
S-57	0.000009	0.000012	0.000003	11	84
S-58	0.000009	0.000012	0.000003	11	84
S-59	0.000006	0.000009	0.000003	11	84
S-60	0.000009	0.000012	0.000004	11	84
S-61	0.000007	0.000011	0.000004	11	84
S-62	0.000005	0.000008	0.000003	11	84
S-73	0.000004	0.000007	0.000003	11	84
S-51	0.000004	0.000006	0.000002	12	84
S-52	0.000007	0.000010	0.000003	12	84
S-53	0.000007	0.000011	0.000005	12	84
S-54	0.000002	0.000004	0.000002	12	84
S-55	0.000001	0.000002	0.000001	12	84
S-56	0.000003	0.000005	0.000003	12	84
S-57	0.000003	0.000005	0.000002	12	84
S-58	0.000003	0.000005	0.000002	12	84
S-59	0.000002	0.000005	0.000003	12	84
S-60	0.000014	0.000018	0.000004	12	84
S-61	0.000008	0.000011	0.000003	12	84
S-62	0.000003	0.000006	0.000003	12	84
S-73	0.000009	0.000012	0.000003	12	84

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1985

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	03-JAN-85	28-JAN-85	1	25000	-0.000007
S-52	JEFFCO AIRPORT	03-JAN-85	28-JAN-85	1	29000	-0.000005
S-53	SUPERIOR	03-JAN-85	28-JAN-85	1	26000	-0.000004
S-54	BOULDER	03-JAN-85	28-JAN-85	1	29000	-0.000006
S-55	LAFAYETTE	03-JAN-85	28-JAN-85	1	27000	-0.000005
S-56	BROOMFIELD	03-JAN-85	28-JAN-85	1	29000	-0.000006
S-57	WALNUT CREEK	03-JAN-85	28-JAN-85	1	29000	-0.000004
S-58	WAGNER	03-JAN-85	28-JAN-85	1	27000	-0.000003
S-59	LEYDEN	03-JAN-85	28-JAN-85	1	25000	-0.000003
S-60	WESTMINSTER	03-JAN-85	28-JAN-85	1	24000	-0.000005
S-61	DENVER	03-JAN-85	28-JAN-85	1	24000	-0.000007
S-62	GOLDEN	03-JAN-85	28-JAN-85	1	26000	-0.000007
S-68	LAKE POINTE	03-JAN-85	28-JAN-85	1	37000	-0.000005
S-73	COTTON CREEK	03-JAN-85	28-JAN-85	1	24000	-0.000004
S-51	MARSHALL	29-JAN-85	27-FEB-85	1	30000	-0.000005
S-52	JEFFCO AIRPORT	29-JAN-85	27-FEB-85	1	31000	-0.000002
S-53	SUPERIOR	29-JAN-85	27-FEB-85	1	28000	-0.000003
S-54	BOULDER	29-JAN-85	27-FEB-85	1	34000	-0.000003
S-55	LAFAYETTE	29-JAN-85	27-FEB-85	1	29000	-0.000004
S-56	BROOMFIELD	29-JAN-85	27-FEB-85	1	35000	-0.000005
S-57	WALNUT CREEK	29-JAN-85	27-FEB-85	1	31000	-0.000002
S-58	WAGNER	29-JAN-85	27-FEB-85	1	30000	-0.000007
S-59	LEYDEN	29-JAN-85	27-FEB-85	1	33000	-0.000002
S-60	WESTMINSTER	29-JAN-85	27-FEB-85	1	26000	0.000002
S-61	DENVER	29-JAN-85	27-FEB-85	1	27000	-0.000003
S-62	GOLDEN	29-JAN-85	27-FEB-85	1	30000	-0.000004
S-68	LAKE POINTE	29-JAN-85	27-FEB-85	1	40000	-0.000003
S-73	COTTON CREEK	29-JAN-85	27-FEB-85	1	19000	-0.000007
S-51	MARSHALL	26-FEB-85	26-MAR-85	1	26000	-0.000004
S-52	JEFFCO AIRPORT	26-FEB-85	26-MAR-85	1	29000	0.000000
S-53	SUPERIOR	26-FEB-85	26-MAR-85	1	27000	-0.000005
S-54	BOULDER	26-FEB-85	26-MAR-85	1	32000	-0.000005
S-55	LAFAYETTE	26-FEB-85	26-MAR-85	1	27000	0.000005
S-56	BROOMFIELD	26-FEB-85	26-MAR-85	1	34000	0.000000
S-57	WALNUT CREEK	26-FEB-85	26-MAR-85	1	29000	0.000002
S-58	WAGNER	26-FEB-85	26-MAR-85	1	29000	0.000002
S-59	LEYDEN	26-FEB-85	26-MAR-85	1	31000	-0.000001
S-60	WESTMINSTER	26-FEB-85	26-MAR-85	1	27000	0.000010
S-61	DENVER	26-FEB-85	26-MAR-85	1	27000	-0.000002
S-62	GOLDEN	26-FEB-85	26-MAR-85	1	27000	-0.000006
S-68	LAKE POINTE	26-FEB-85	26-MAR-85	1	34000	0.000004
S-73	COTTON CREEK	26-FEB-85	26-MAR-85	0		
S-51	MARSHALL	27-MAR-85	24-APR-85	1	28000	-0.000001
S-52	JEFFCO AIRPORT	27-MAR-85	24-APR-85	1	30000	0.000000
S-53	SUPERIOR	27-MAR-85	24-APR-85	1	29000	-0.000004
S-54	BOULDER	27-MAR-85	24-APR-85	1	30000	-0.000002
S-55	LAFAYETTE	27-MAR-85	24-APR-85	1	29000	-0.000003
S-56	BROOMFIELD	27-MAR-85	24-APR-85	1	27000	-0.000008
S-57	WALNUT CREEK	27-MAR-85	24-APR-85	1	30000	-0.000002
S-58	WAGNER	27-MAR-85	24-APR-85	1	29000	0.000004
S-59	LEYDEN	27-MAR-85	24-APR-85	1	33000	-0.000003
S-60	WESTMINSTER	27-MAR-85	24-APR-85	1	27000	-0.000002
S-61	DENVER	27-MAR-85	24-APR-85	1	31000	-0.000002
S-62	GOLDEN	27-MAR-85	24-APR-85	1	22000	0.000000

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1985

LOCATION	PT _{EST} CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	-0.000002	0.000003	0.000005	01	85
S-52	0.000000	0.000005	0.000005	01	85
S-53	0.000001	0.000006	0.000005	01	85
S-54	-0.000001	0.000004	0.000005	01	85
S-55	0.000000	0.000005	0.000005	01	85
S-56	-0.000001	0.000004	0.000005	01	85
S-57	0.000001	0.000006	0.000005	01	85
S-58	0.000002	0.000007	0.000005	01	85
S-59	0.000003	0.000009	0.000006	01	85
S-60	0.000001	0.000007	0.000006	01	85
S-61	-0.000001	0.000005	0.000006	01	85
S-62	-0.000002	0.000003	0.000005	01	85
S-68	-0.000001	0.000003	0.000004	01	85
S-73	0.000002	0.000008	0.000006	01	85
S-51	0.000000	0.000005	0.000005	02	85
S-52	0.000003	0.000008	0.000005	02	85
S-53	0.000003	0.000009	0.000006	02	85
S-54	0.000001	0.000005	0.000004	02	85
S-55	0.000001	0.000006	0.000005	02	85
S-56	-0.000001	0.000003	0.000004	02	85
S-57	0.000003	0.000008	0.000005	02	85
S-58	-0.000003	0.000001	0.000004	02	85
S-59	0.000002	0.000006	0.000004	02	85
S-60	0.000008	0.000014	0.000006	02	85
S-61	0.000002	0.000007	0.000005	02	85
S-62	0.000001	0.000006	0.000005	02	85
S-68	0.000000	0.000003	0.000003	02	85
S-73	0.000000	0.000007	0.000007	02	85
S-51	0.000001	0.000006	0.000005	03	85
S-52	0.000005	0.000010	0.000005	03	85
S-53	0.000000	0.000005	0.000005	03	85
S-54	-0.000001	0.000003	0.000004	03	85
S-55	0.000011	0.000017	0.000006	03	85
S-56	0.000004	0.000008	0.000004	03	85
S-57	0.000008	0.000014	0.000006	03	85
S-58	0.000007	0.000012	0.000005	03	85
S-59	0.000004	0.000009	0.000005	03	85
S-60	0.000018	0.000026	0.000008	03	85
S-61	0.000003	0.000008	0.000005	03	85
S-62	-0.000001	0.000004	0.000005	03	85
S-68	0.000009	0.000014	0.000005	03	85
S-73				03	85
S-51	0.000004	0.000009	0.000005	04	85
S-52	0.000005	0.000010	0.000005	04	85
S-53	0.000001	0.000006	0.000005	04	85
S-54	0.000003	0.000008	0.000005	04	85
S-55	0.000002	0.000007	0.000005	04	85
S-56	-0.000002	0.000004	0.000006	04	85
S-57	0.000003	0.000008	0.000005	04	85
S-58	0.000010	0.000016	0.000006	04	85
S-59	0.000001	0.000005	0.000004	04	85
S-60	0.000003	0.000008	0.000005	04	85
S-61	0.000003	0.000008	0.000005	04	85
S-62	0.000007	0.000014	0.000007	04	85

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1985

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m³)	LCL (pCi/m³)
S-68	LAKE POINTE	27-MAR-85	24-APR-85	1	28000	-0.000002
S-73	COTTON CREEK	27-MAR-85	24-APR-85	1	8000	-0.000021
S-51	MARSHALL	24-APR-85	22-MAY-85	1	28000	-0.000003
S-52	JEFFCO AIRPORT	24-APR-85	22-MAY-85	1	29000	-0.000004
S-53	SUPERIOR	24-APR-85	22-MAY-85	1	29000	-0.000007
S-54	BOULDER	24-APR-85	22-MAY-85	1	30000	0.000003
S-55	LAFAYETTE	24-APR-85	22-MAY-85	1	32000	-0.000004
S-56	BROOMFIELD	24-APR-85	22-MAY-85	1	26000	-0.000004
S-57	WALNUT CREEK	24-APR-85	22-MAY-85	1	30000	-0.000004
S-58	WAGNER	24-APR-85	22-MAY-85	1	28000	-0.000003
S-59	LEYDEN	24-APR-85	22-MAY-85	1	30000	0.000003
S-60	WESTMINSTER	24-APR-85	22-MAY-85	1	26000	-0.000003
S-61	DENVER	24-APR-85	22-MAY-85	1	24000	-0.000003
S-62	GOLDEN	24-APR-85	22-MAY-85	1	27000	-0.000005
S-68	LAKE POINTE	24-APR-85	22-MAY-85	1	30000	-0.000005
S-73	COTTON CREEK	24-APR-85	22-MAY-85	1	28000	-0.000004
S-51	MARSHALL	22-MAY-85	19-JUN-85	1	27000	-0.000005
S-52	JEFFCO AIRPORT	22-MAY-85	19-JUN-85	1	28000	0.000007
S-53	SUPERIOR	22-MAY-85	19-JUN-85	1	29000	-0.000004
S-54	BOULDER	22-MAY-85	19-JUN-85	1	29000	-0.000006
S-55	LAFAYETTE	22-MAY-85	19-JUN-85	1	31000	0.000001
S-56	BROOMFIELD	22-MAY-85	19-JUN-85	1	25000	-0.000007
S-57	WALNUT CREEK	22-MAY-85	19-JUN-85	1	28000	0.000000
S-58	WAGNER	22-MAY-85	19-JUN-85	1	28000	-0.000006
S-59	LEYDEN	22-MAY-85	19-JUN-85	1	33000	-0.000002
S-60	WESTMINSTER	22-MAY-85	19-JUN-85	1	26000	-0.000001
S-61	DENVER	22-MAY-85	19-JUN-85	1	17000	-0.000003
S-62	GOLDEN	22-MAY-85	19-JUN-85	1	27000	-0.000004
S-68	LAKE POINTE	22-MAY-85	19-JUN-85	1	30000	0.000003
S-73	COTTON CREEK	22-MAY-85	19-JUN-85	1	25000	-0.000002
S-51	MARSHALL	18-JUN-85	01-AUG-85	1	44000	-0.000001
S-52	JEFFCO AIRPORT	18-JUN-85	01-AUG-85	1	42000	-0.000002
S-53	SUPERIOR	18-JUN-85	01-AUG-85	1	41000	0.000000
S-54	BOULDER	18-JUN-85	01-AUG-85	1	47000	-0.000002
S-55	LAFAYETTE	18-JUN-85	01-AUG-85	1	43000	0.000017
S-56	BROOMFIELD	18-JUN-85	01-AUG-85	1	45000	-0.000001
S-57	WALNUT CREEK	18-JUN-85	01-AUG-85	1	47000	0.000001
S-58	WAGNER	18-JUN-85	01-AUG-85	1	45000	-0.000002
S-59	LEYDEN	18-JUN-85	01-AUG-85	1	50000	-0.000004
S-60	WESTMINSTER	18-JUN-85	01-AUG-85	1	33000	0.000011
S-61	DENVER	18-JUN-85	01-AUG-85	1	28000	-0.000005
S-62	GOLDEN	18-JUN-85	01-AUG-85	1	39000	0.000001
S-68	LAKE POINTE	18-JUN-85	01-AUG-85	1	50000	-0.000001
S-73	COTTON CREEK	18-JUN-85	01-AUG-85	1	37000	-0.000003
S-51	MARSHALL	01-AUG-85	28-AUG-85	1	28000	-0.000006
S-52	JEFFCO AIRPORT	01-AUG-85	28-AUG-85	1	28000	-0.000004
S-53	SUPERIOR	01-AUG-85	28-AUG-85	1	25000	-0.000006
S-54	BOULDER	01-AUG-85	28-AUG-85	1	30000	-0.000003
S-55	LAFAYETTE	01-AUG-85	28-AUG-85	1	28000	-0.000005
S-56	BROOMFIELD	01-AUG-85	28-AUG-85	1	29000	-0.000005
S-57	WALNUT CREEK	01-AUG-85	28-AUG-85	1	30000	-0.000004
S-58	WAGNER	01-AUG-85	28-AUG-85	1	28000	-0.000004
S-59	LEYDEN	01-AUG-85	28-AUG-85	1	32000	-0.000004
S-60	WESTMINSTER	01-AUG-85	28-AUG-85	1	24000	-0.000003

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1985

LOCATION	PT _{EST} CONC (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-68	0.000003	0.000008	0.000005	04	85
S-73	-0.000004	0.000013	0.000017	04	85
S-51	0.000002	0.000007	0.000005	05	85
S-52	0.000001	0.000006	0.000005	05	85
S-53	-0.000002	0.000003	0.000005	05	85
S-54	0.000008	0.000013	0.000005	05	85
S-55	0.000000	0.000004	0.000004	05	85
S-56	0.000001	0.000006	0.000005	05	85
S-57	0.000001	0.000006	0.000005	05	85
S-58	0.000002	0.000007	0.000005	05	85
S-59	0.000009	0.000015	0.000006	05	85
S-60	0.000002	0.000007	0.000005	05	85
S-61	0.000003	0.000009	0.000006	05	85
S-62	0.000000	0.000005	0.000005	05	85
S-68	0.000000	0.000005	0.000005	05	85
S-73	0.000001	0.000006	0.000005	05	85
S-51	0.000000	0.000005	0.000005	06	85
S-52	0.000014	0.000021	0.000007	06	85
S-53	0.000001	0.000006	0.000005	06	85
S-54	-0.000001	0.000004	0.000005	06	85
S-55	0.000006	0.000011	0.000005	06	85
S-56	-0.000002	0.000003	0.000005	06	85
S-57	0.000005	0.000010	0.000005	06	85
S-58	-0.000001	0.000004	0.000005	06	85
S-59	0.000002	0.000006	0.000004	06	85
S-60	0.000005	0.000011	0.000006	06	85
S-61	0.000005	0.000013	0.000008	06	85
S-62	0.000001	0.000006	0.000005	06	85
S-68	0.000008	0.000013	0.000005	06	85
S-73	0.000004	0.000010	0.000006	06	85
S-51	0.000002	0.000005	0.000003	07	85
S-52	0.000001	0.000004	0.000003	07	85
S-53	0.000003	0.000006	0.000003	07	85
S-54	0.000001	0.000004	0.000003	07	85
S-55	0.000022	0.000027	0.000005	07	85
S-56	0.000002	0.000005	0.000003	07	85
S-57	0.000004	0.000007	0.000003	07	85
S-58	0.000001	0.000004	0.000003	07	85
S-59	-0.000001	0.000002	0.000003	07	85
S-60	0.000016	0.000021	0.000005	07	85
S-61	0.000000	0.000005	0.000005	07	85
S-62	0.000004	0.000007	0.000003	07	85
S-68	0.000002	0.000005	0.000003	07	85
S-73	0.000001	0.000005	0.000004	07	85
S-51	-0.000001	0.000004	0.000005	08	85
S-52	0.000001	0.000006	0.000005	08	85
S-53	-0.000001	0.000004	0.000005	08	85
S-54	0.000001	0.000005	0.000004	08	85
S-55	0.000000	0.000005	0.000005	08	85
S-56	-0.000001	0.000003	0.000004	08	85
S-57	0.000000	0.000004	0.000004	08	85
S-58	0.000001	0.000006	0.000005	08	85
S-59	0.000000	0.000004	0.000004	08	85
S-60	0.000002	0.000007	0.000005	08	85

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1985

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-61	DENVER	01-AUG-85	28-AUG-85	1	28000	-0 000004
S-62	GOLDEN	01-AUG-85	28-AUG-85	1	25000	-0 000002
S-68	LAKE POINTE	01-AUG-85	28-AUG-85	1	33000	-0 000005
S-73	COTTON CREEK	01-AUG-85	28-AUG-85	1	27000	-0 000003
S-51	MARSHALL	28-AUG-85	25-SEP-85	1	29000	0 000004
S-52	JEFFCO AIRPORT	28-AUG-85	25-SEP-85	1	29000	-0 000004
S-53	SUPERIOR	28-AUG-85	25-SEP-85	1	27000	-0 000004
S-54	BOULDER	28-AUG-85	25-SEP-85	1	31000	-0 000002
S-55	LAFAYETTE	28-AUG-85	25-SEP-85	1	30000	-0 000004
S-56	BROOMFIELD	28-AUG-85	25-SEP-85	1	30000	-0 000005
S-57	WALNUT CREEK	28-AUG-85	25-SEP-85	1	32000	-0 000003
S-58	WAGNER	28-AUG-85	25-SEP-85	1	29000	-0 000004
S-59	LEYDEN	28-AUG-85	25-SEP-85	1	33000	-0 000003
S-60	WESTMINSTER	28-AUG-85	25-SEP-85	1	25000	0 000003
S-61	DENVER	28-AUG-85	25-SEP-85	1	26000	-0 000005
S-62	GOLDEN	28-AUG-85	25-SEP-85	1	26000	-0 000005
S-68	LAKE POINTE	28-AUG-85	25-SEP-85	1	34000	-0 000001
S-73	COTTON CREEK	28-AUG-85	25-SEP-85	1	29000	-0 000004
S-51	MARSHALL	25-SEP-85	23-OCT-85	1	29000	-0 000005
S-52	JEFFCO AIRPORT	25-SEP-85	23-OCT-85	1	30000	-0 000005
S-53	SUPERIOR	25-SEP-85	23-OCT-85	1	26000	-0 000005
S-54	BOULDER	25-SEP-85	23-OCT-85	1	32000	-0 000005
S-55	LAFAYETTE	25-SEP-85	23-OCT-85	1	15000	-0 000007
S-56	BROOMFIELD	25-SEP-85	23-OCT-85	1	30000	-0 000003
S-57	WALNUT CREEK	25-SEP-85	23-OCT-85	1	31000	-0 000003
S-58	WAGNER	25-SEP-85	23-OCT-85	1	28000	-0 000004
S-59	LEYDEN	25-SEP-85	23-OCT-85	1	33000	-0 000002
S-60	WESTMINSTER	25-SEP-85	23-OCT-85	1	17000	0 000002
S-61	DENVER	25-SEP-85	23-OCT-85	1	30000	-0 000006
S-62	GOLDEN	25-SEP-85	23-OCT-85	1	26000	-0 000002
S-68	LAKE POINTE	25-SEP-85	23-OCT-85	1	34000	-0 000005
S-73	COTTON CREEK	25-SEP-85	23-OCT-85	1	30000	-0 000005
S-51	MARSHALL	23-OCT-85	20-NOV-85	1	28000	-0 000001
S-52	JEFFCO AIRPORT	23-OCT-85	20-NOV-85	1	30000	-0 000005
S-53	SUPERIOR	23-OCT-85	20-NOV-85	1	26000	-0 000004
S-54	BOULDER	23-OCT-85	20-NOV-85	1	32000	-0 000004
S-55	LAFAYETTE	23-OCT-85	20-NOV-85	1	16000	-0 000007
S-56	BROOMFIELD	23-OCT-85	20-NOV-85	1	29000	-0 000004
S-57	WALNUT CREEK	23-OCT-85	20-NOV-85	1	30000	-0 000004
S-58	WAGNER	23-OCT-85	20-NOV-85	1	27000	-0 000004
S-59	LEYDEN	23-OCT-85	20-NOV-85	1	32000	-0 000003
S-60	WESTMINSTER	23-OCT-85	20-NOV-85	1	22000	-0 000003
S-61	DENVER	23-OCT-85	20-NOV-85	1	29000	-0 000004
S-62	GOLDEN	23-OCT-85	20-NOV-85	1	25000	-0 000006
S-68	LAKE POINTE	23-OCT-85	20-NOV-85	1	34000	-0 000001
S-73	COTTON CREEK	23-OCT-85	20-NOV-85	1	30000	-0 000002
S-51	MARSHALL	20-NOV-85	03-JAN-86	1	46000	-0 000001
S-52	JEFFCO AIRPORT	20-NOV-85	03-JAN-86	1	47000	-0 000002
S-53	SUPERIOR	20-NOV-85	03-JAN-86	1	42000	-0 000002
S-54	BOULDER	20-NOV-85	03-JAN-86	1	51000	-0 000001
S-55	LAFAYETTE	20-NOV-85	03-JAN-86	1	26000	-0 000005
S-56	BROOMFIELD	20-NOV-85	03-JAN-86	1	44000	-0 000003
S-57	WALNUT CREEK	20-NOV-85	03-JAN-86	1	49000	-0 000003
S-58	WAGNER	20-NOV-85	03-JAN-86	1	48000	-0 000003

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1985

LOCATION	PT _{EST} CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-61	0.000001	0.000006	0.000005	08	85
S-62	0.000003	0.000008	0.000005	08	85
S-68	-0.000001	0.000003	0.000004	08	85
S-73	0.000002	0.000007	0.000005	08	85
S-51	0.000008	0.000012	0.000004	09	85
S-52	0.000000	0.000004	0.000004	09	85
S-53	0.000000	0.000004	0.000004	09	85
S-54	0.000002	0.000006	0.000004	09	85
S-55	0.000000	0.000004	0.000004	09	85
S-56	-0.000002	0.000001	0.000003	09	85
S-57	0.000000	0.000003	0.000003	09	85
S-58	0.000000	0.000004	0.000004	09	85
S-59	0.000000	0.000003	0.000003	09	85
S-60	0.000008	0.000013	0.000005	09	85
S-61	-0.000001	0.000003	0.000004	09	85
S-62	-0.000001	0.000003	0.000004	09	85
S-68	0.000002	0.000005	0.000003	09	85
S-73	0.000000	0.000004	0.000004	09	85
S-51	-0.000001	0.000003	0.000004	10	85
S-52	-0.000001	0.000003	0.000004	10	85
S-53	-0.000001	0.000003	0.000004	10	85
S-54	-0.000002	0.000001	0.000003	10	85
S-55	0.000000	0.000007	0.000007	10	85
S-56	0.000001	0.000005	0.000004	10	85
S-57	0.000001	0.000005	0.000004	10	85
S-58	0.000000	0.000004	0.000004	10	85
S-59	0.000001	0.000004	0.000003	10	85
S-60	0.000009	0.000016	0.000007	10	85
S-61	-0.000003	0.000000	0.000003	10	85
S-62	0.000002	0.000006	0.000004	10	85
S-68	-0.000002	0.000001	0.000003	10	85
S-73	-0.000001	0.000003	0.000004	10	85
S-51	0.000003	0.000007	0.000004	11	85
S-52	-0.000001	0.000003	0.000004	11	85
S-53	0.000000	0.000004	0.000004	11	85
S-54	-0.000001	0.000002	0.000003	11	85
S-55	-0.000001	0.000005	0.000006	11	85
S-56	0.000000	0.000004	0.000004	11	85
S-57	-0.000001	0.000002	0.000003	11	85
S-58	0.000000	0.000004	0.000004	11	85
S-59	0.000000	0.000003	0.000003	11	85
S-60	0.000002	0.000007	0.000005	11	85
S-61	0.000000	0.000004	0.000004	11	85
S-62	-0.000002	0.000002	0.000004	11	85
S-68	0.000002	0.000005	0.000003	11	85
S-73	0.000002	0.000006	0.000004	11	85
S-51	0.000001	0.000003	0.000002	12	85
S-52	0.000000	0.000002	0.000002	12	85
S-53	0.000000	0.000002	0.000002	12	85
S-54	0.000001	0.000003	0.000002	12	85
S-55	-0.000001	0.000003	0.000004	12	85
S-56	-0.000001	0.000001	0.000002	12	85
S-57	-0.000001	0.000001	0.000002	12	85
S-58	-0.000001	0.000001	0.000002	12	85

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1985

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-59	LEYDEN	20-NOV-85	03-JAN-86	1	41000	-0.000001
S-60	WESTMINSTER	20-NOV-85	03-JAN-86	1	36000	-0.000003
S-61	DENVER	20-NOV-85	03-JAN-86	1	24000	0.000003
S-62	GOLDEN	20-NOV-85	03-JAN-86	1	23000	-0.000005
S-68	LAKE POINTE	20-NOV-85	03-JAN-86	1	25000	0.000000
S-73	COTTON CREEK	20-NOV-85	03-JAN-86	1	48000	-0.000003

LOCATION	PT. CONC. (pCi/m ³)	EST. UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-59	0.000001	0.000003	0.000002	12	85
S-60	0.000000	0.000003	0.000003	12	85
S-61	0.000007	0.000011	0.000004	12	85
S-62	-0.000001	0.000003	0.000004	12	85
S-68	0.000004	0.000008	0.000004	12	85
S-73	-0.000001	0.000001	0.000002	12	85

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1986

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	02-JAN-86	29-JAN-86	1	26000	0.000000
S-52	JEFFCO AIRPORT	02-JAN-86	29-JAN-86	1	29000	0.000004
S-53	SUPERIOR	01-JAN-86	29-JAN-86	1	25000	-0.000001
S-54	BOULDER	02-JAN-86	29-JAN-86	1	30000	-0.000001
S-55	LAFAYETTE	02-JAN-86	29-JAN-86	1	21000	0.000004
S-56	BROOMFIELD	01-JAN-86	29-JAN-86	1	23000	0.000000
S-57	WALNUT CREEK	02-JAN-86	29-JAN-86	1	30000	0.000000
S-58	WAGNER	02-JAN-86	29-JAN-86	1	27000	0.000001
S-59	LEYDEN	01-JAN-86	29-JAN-86	1	32000	-0.000001
S-60	WESTMINSTER	02-JAN-86	29-JAN-86	1	17000	-0.000002
S-61	DENVER	02-JAN-86	29-JAN-86	1	28000	-0.000001
S-62	GOLDEN	02-JAN-86	29-JAN-86	1	25000	0.000000
S-68	LAKEVIEW POINTE	02-JAN-86	29-JAN-86	1	30000	0.000004
S-73	COTTON CREEK	02-JAN-86	29-JAN-86	1	26000	-0.000001
S-51	MARSHALL	29-JAN-86	26-FEB-86	1	29000	0.000009
S-52	JEFFCO AIRPORT	29-JAN-86	26-FEB-86	1	32000	-0.000001
S-53	SUPERIOR	29-JAN-86	26-FEB-86	1	27000	0.000000
S-54	BOULDER	29-JAN-86	26-FEB-86	1	32000	0.000000
S-55	LAFAYETTE	29-JAN-86	26-FEB-86	1	19000	-0.000002
S-56	BROOMFIELD	29-JAN-86	26-FEB-86	1	30000	0.000000
S-57	WALNUT CREEK	29-JAN-86	26-FEB-86	1	32000	0.000001
S-58	WAGNER	29-JAN-86	26-FEB-86	1	29000	0.000002
S-59	LEYDEN	29-JAN-86	26-FEB-86	1	33000	-0.000001
S-60	WESTMINSTER	29-JAN-86	26-FEB-86	1	26000	0.000003
S-61	DENVER	29-JAN-86	26-FEB-86	1	32000	0.000000
S-62	GOLDEN	29-JAN-86	26-FEB-86	1	27000	-0.000002
S-68	LAKE POINTE	29-JAN-86	26-FEB-86	1	32000	-0.000001
S-73	COTTON CREEK	29-JAN-86	26-FEB-86	1	30000	0.000000
S-51	MARSHALL	26-FEB-86	26-MAR-86	1	30000	-0.000001
S-52	JEFFCO AIRPORT	26-FEB-86	26-MAR-86	1	31000	0.000000
S-53	SUPERIOR	26-FEB-86	26-MAR-86	1	27000	0.000000
S-54	BOULDER	26-FEB-86	26-MAR-86	1	34000	-0.000001
S-55	LAFAYETTE	26-FEB-86	26-MAR-86	1	27000	0.000000
S-56	BROOMFIELD	26-FEB-86	26-MAR-86	1	28000	-0.000001
S-57	WALNUT CREEK	26-FEB-86	26-MAR-86	1	32000	0.000002
S-58	WAGNER	26-FEB-86	26-MAR-86	1	29000	0.000002
S-59	LEYDEN	26-FEB-86	26-MAR-86	1	31000	0.000000
S-60	WESTMINSTER	26-FEB-86	26-MAR-86	1	29000	0.000008
S-61	DENVER	26-FEB-86	26-MAR-86	1	31000	-0.000001
S-62	GOLDEN	26-FEB-86	26-MAR-86	1	27000	-0.000001
S-68	LAKE POINTE	26-FEB-86	26-MAR-86	1	31000	0.000003
S-73	COTTON CREEK	26-FEB-86	26-MAR-86	1	31000	0.000000
S-51	MARSHALL	26-MAR-86	23-APR-86	1	27000	0.000002
S-52	JEFFCO AIRPORT	26-MAR-86	22-APR-86	1	27000	0.000000
S-53	SUPERIOR	26-MAR-86	23-APR-86	1	24000	-0.000001
S-54	BOULDER	26-MAR-86	23-APR-86	1	31000	0.000002
S-55	LAFAYETTE	26-MAR-86	23-APR-86	1	28000	-0.000001
S-56	BROOMFIELD	26-MAR-86	23-APR-86	1	27000	0.000000
S-57	WALNUT CREEK	26-MAR-86	23-APR-86	1	27000	0.000006
S-58	WAGNER	26-MAR-86	22-APR-86	1	25000	-0.000001
S-59	LEYDEN	26-MAR-86	23-APR-86	1	32000	0.000000
S-60	WESTMINSTER	26-MAR-86	22-APR-86	1	25000	0.000007
S-61	DENVER	26-MAR-86	23-APR-86	1	31000	-0.000001
S-62	GOLDEN	26-MAR-86	23-APR-86	1	28000	-0.000004

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1986

LOCATION	PT _{EST} CONC (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	0.000001	0.000002	0.000001	01	86
S-52	0.000006	0.000008	0.000002	01	86
S-53	0.000000	0.000001	0.000001	01	86
S-54	0.000000	0.000001	0.000001	01	86
S-55	0.000006	0.000008	0.000002	01	86
S-56	0.000001	0.000002	0.000001	01	86
S-57	0.000001	0.000002	0.000001	01	86
S-58	0.000002	0.000003	0.000001	01	86
S-59	0.000000	0.000001	0.000001	01	86
S-60	0.000000	0.000002	0.000002	01	86
S-61	0.000000	0.000001	0.000001	01	86
S-62	0.000001	0.000002	0.000001	01	86
S-68	0.000006	0.000008	0.000002	01	86
S-73	0.000000	0.000001	0.000001	01	86
S-51	0.000011	0.000013	0.000002	02	86
S-52	0.000000	0.000001	0.000001	02	86
S-53	0.000001	0.000002	0.000001	02	86
S-54	0.000001	0.000002	0.000001	02	86
S-55	0.000000	0.000002	0.000002	02	86
S-56	0.000001	0.000002	0.000001	02	86
S-57	0.000002	0.000003	0.000001	02	86
S-58	0.000004	0.000006	0.000002	02	86
S-59	0.000000	0.000001	0.000001	02	86
S-60	0.000005	0.000007	0.000002	02	86
S-61	0.000001	0.000002	0.000001	02	86
S-62	-0.000001	0.000000	0.000001	02	86
S-68	0.000000	0.000001	0.000001	02	86
S-73	0.000001	0.000002	0.000001	02	86
S-51	0.000000	0.000001	0.000001	03	86
S-52	0.000001	0.000002	0.000001	03	86
S-53	0.000001	0.000002	0.000001	03	86
S-54	0.000000	0.000001	0.000001	03	86
S-55	0.000001	0.000002	0.000001	03	86
S-56	0.000000	0.000001	0.000001	03	86
S-57	0.000003	0.000004	0.000001	03	86
S-58	0.000003	0.000004	0.000001	03	86
S-59	0.000001	0.000002	0.000001	03	86
S-60	0.000010	0.000012	0.000002	03	86
S-61	0.000000	0.000001	0.000001	03	86
S-62	0.000000	0.000001	0.000001	03	86
S-68	0.000004	0.000005	0.000001	03	86
S-73	0.000001	0.000002	0.000001	03	86
S-51	0.000003	0.000004	0.000001	04	86
S-52	0.000001	0.000002	0.000001	04	86
S-53	0.000000	0.000001	0.000001	04	86
S-54	0.000003	0.000004	0.000001	04	86
S-55	0.000000	0.000001	0.000001	04	86
S-56	0.000001	0.000002	0.000001	04	86
S-57	0.000008	0.000010	0.000002	04	86
S-58	0.000000	0.000001	0.000001	04	86
S-59	0.000001	0.000002	0.000001	04	86
S-60	0.000009	0.000011	0.000002	04	86
S-61	0.000000	0.000001	0.000001	04	86
S-62	0.000000	0.000004	0.000004	04	86

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1986

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-68	LAKE POINTE	26-MAR-86	23-APR-86	1	29000	0.000001
S-73	COTTON CREEK	26-MAR-86	23-APR-86	1	28000	-0.000001
S-51	MARSHALL	23-APR-86	21-MAY-86	1	22000	0.000004
S-52	JEFFCO AIRPORT	23-APR-86	21-MAY-86	0		
S-53	SUPERIOR	22-APR-86	20-MAY-86	1	22000	-0.000001
S-54	BOULDER	23-APR-86	21-MAY-86	1	27000	-0.000001
S-55	LAFAYETTE	23-APR-86	21-MAY-86	1	30000	0.000001
S-56	BROOMFIELD	23-APR-86	21-MAY-86	0		
S-57	WALNUT CREEK	23-APR-86	21-MAY-86	1	27000	0.000000
S-58	WAGNER	23-APR-86	21-MAY-86	1	23000	0.000002
S-59	LEYDEN	23-APR-86	21-MAY-86	1	29000	0.000000
S-60	WESTMINSTER	23-APR-86	21-MAY-86	1	24000	0.000000
S-61	DENVER	23-APR-86	21-MAY-86	1	29000	0.000000
S-62	GOLDEN	23-APR-86	21-MAY-86	1	27000	0.000000
S-68	LAKE POINTE	23-APR-86	21-MAY-86	0		
S-73	COTTON CREEK	23-APR-86	21-MAY-86	1	29000	-0.000001
S-51	MARSHALL	21-MAY-86	18-JUN-86	1	19000	-0.000003
S-52	JEFFCO AIRPORT	21-MAY-86	18-JUN-86	1	20000	-0.000002
S-53	SUPERIOR	21-MAY-86	18-JUN-86	1	23000	0.000003
S-54	BOULDER	21-MAY-86	18-JUN-86	1	26000	0.000000
S-55	LAFAYETTE	21-MAY-86	18-JUN-86	1	32000	0.000001
S-56	BROOMFIELD	21-MAY-86	18-JUN-86	1	14000	0.000002
S-57	WALNUT CREEK	21-MAY-86	18-JUN-86	1	24000	0.000002
S-58	WAGNER	21-MAY-86	18-JUN-86	1	23000	0.000001
S-59	LEYDEN	21-MAY-86	18-JUN-86	1	28000	0.000002
S-60	WESTMINSTER	21-MAY-86	18-JUN-86	1	23000	0.000000
S-61	DENVER	21-MAY-86	18-JUN-86	1	30000	0.000001
S-62	GOLDEN	21-MAY-86	18-JUN-86	1	28000	0.000003
S-68	LAKE POINTE	21-MAY-86	18-JUN-86	1	13000	0.000004
S-73	COTTON CREEK	21-MAY-86	18-JUN-86	1	28000	0.000001
S-51	MARSHALL	18-JUN-86	30-JUL-86	1	25000	-0.000003
S-52	JEFFCO AIRPORT	18-JUN-86	30-JUL-86	1	27000	0.000004
S-53	SUPERIOR	18-JUN-86	30-JUL-86	1	33000	-0.000001
S-54	BOULDER	18-JUN-86	30-JUL-86	1	36000	0.000001
S-55	LAFAYETTE	18-JUN-86	30-JUL-86	1	47000	0.000003
S-56	BROOMFIELD	18-JUN-86	30-JUL-86	1	36000	0.000003
S-57	WALNUT CREEK	18-JUN-86	30-JUL-86	1	42000	0.000004
S-58	WAGNER	18-JUN-86	30-JUL-86	1	33000	0.000002
S-59	LEYDEN	18-JUN-86	30-JUL-86	1	43000	0.000006
S-60	WESTMINSTER	18-JUN-86	30-JUL-86	1	31000	0.000006
S-61	DENVER	18-JUN-86	30-JUL-86	1	39000	-0.000001
S-62	GOLDEN	18-JUN-86	30-JUL-86	1	39000	0.000000
S-68	LAKE POINTE	18-JUN-86	30-JUL-86	1	36000	0.000000
S-73	COTTON CREEK	18-JUN-86	30-JUL-86	0		
S-51	MARSHALL	29-JUL-86	28-AUG-86	1	17000	0.000001
S-52	JEFFCO AIRPORT	29-JUL-86	28-AUG-86	1	17000	0.000004
S-53	SUPERIOR	29-JUL-86	28-AUG-86	1	22000	0.000005
S-54	BOULDER	29-JUL-86	28-AUG-86	1	25000	-0.000001
S-55	LAFAYETTE	29-JUL-86	28-AUG-86	1	29000	0.000002
S-56	BROOMFIELD	29-JUL-86	28-AUG-86	1	25000	0.000000
S-57	WALNUT CREEK	29-JUL-86	28-AUG-86	1	26000	0.000002
S-58	WAGNER	29-JUL-86	28-AUG-86	1	23000	0.000002
S-59	LEYDEN	29-JUL-86	28-AUG-86	1	29000	-0.000001
S-60	WESTMINSTER	29-JUL-86	28-AUG-86	1	22000	-0.000002

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1986

LOCATION	PT CONC. (pCi/m^3)	EST. (pCi/m^3)	UCL (pCi/m^3)	ERROR (pCi/m^3)	MONTH	YEAR
S-68		0.000002	0.000003	0.000001	04	86
S-73		0.000000	0.000001	0.000001	04	86
S-51		0.000006	0.000008	0.000002	05	86
S-52					05	86
S-53		0.000001	0.000003	0.000002	05	86
S-54		0.000000	0.000001	0.000001	05	86
S-55		0.000002	0.000003	0.000001	05	86
S-56					05	86
S-57		0.000001	0.000002	0.000001	05	86
S-58		0.000004	0.000006	0.000002	05	86
S-59		0.000001	0.000002	0.000001	05	86
S-60		0.000002	0.000004	0.000002	05	86
S-61		0.000001	0.000002	0.000001	05	86
S-62		0.000001	0.000002	0.000001	05	86
S-68					05	86
S-73		0.000000	0.000001	0.000001	05	86
S-51		-0.000001	0.000001	0.000002	06	86
S-52		0.000000	0.000002	0.000002	06	86
S-53		0.000005	0.000007	0.000002	06	86
S-54		0.000002	0.000004	0.000002	06	86
S-55		0.000002	0.000003	0.000001	06	86
S-56		0.000005	0.000008	0.000003	06	86
S-57		0.000004	0.000006	0.000002	06	86
S-58		0.000003	0.000005	0.000002	06	86
S-59		0.000004	0.000006	0.000002	06	86
S-60		0.000002	0.000004	0.000002	06	86
S-61		0.000002	0.000003	0.000001	06	86
S-62		0.000004	0.000005	0.000001	06	86
S-68		0.000007	0.000010	0.000003	06	86
S-73		0.000002	0.000003	0.000001	06	86
S-51		-0.000001	0.000001	0.000002	07	86
S-52		0.000006	0.000008	0.000002	07	86
S-53		0.000000	0.000001	0.000001	07	86
S-54		0.000002	0.000003	0.000001	07	86
S-55		0.000004	0.000005	0.000001	07	86
S-56		0.000005	0.000007	0.000002	07	86
S-57		0.000005	0.000006	0.000001	07	86
S-58		0.000004	0.000006	0.000002	07	86
S-59		0.000008	0.000010	0.000002	07	86
S-60		0.000008	0.000010	0.000002	07	86
S-61		0.000000	0.000001	0.000001	07	86
S-62		0.000001	0.000002	0.000001	07	86
S-68		0.000001	0.000002	0.000001	07	86
S-73					07	86
S-51		0.000004	0.000007	0.000003	08	86
S-52		0.000007	0.000010	0.000003	08	86
S-53		0.000008	0.000011	0.000003	08	86
S-54		0.000001	0.000003	0.000002	08	86
S-55		0.000004	0.000006	0.000002	08	86
S-56		0.000002	0.000004	0.000002	08	86
S-57		0.000004	0.000006	0.000002	08	86
S-58		0.000004	0.000006	0.000002	08	86
S-59		0.000000	0.000001	0.000001	08	86
S-60		0.000000	0.000002	0.000002	08	86

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1986

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-61	DENVER	29-JUL-86	28-AUG-86	1	24000	-0.000002
S-62	GOLDEN	29-JUL-86	28-AUG-86	1	26000	0.000000
S-68	LAKE POINTE	29-JUL-86	28-AUG-86	1	25000	0.000000
S-73	COTTON CREEK	29-JUL-86	28-AUG-86	1	26000	0.000000
S-51	MARSHALL	27-AUG-86	24-SEP-86	1	20000	-0.000001
S-52	JEFFCO AIRPORT	27-AUG-86	24-SEP-86	1	19000	0.000001
S-53	SUPERIOR	27-AUG-86	24-SEP-86	1	23000	-0.000003
S-54	BOULDER	27-AUG-86	24-SEP-86	1	26000	-0.000002
S-55	LAFAYETTE	27-AUG-86	24-SEP-86	1	32000	-0.000001
S-56	BROOMFIELD	27-AUG-86	24-SEP-86	1	27000	0.000001
S-57	WALNUT CREEK	27-AUG-86	24-SEP-86	1	27000	0.000000
S-58	WAGNER	27-AUG-86	24-SEP-86	1	23000	-0.000001
S-59	LEYDEN	27-AUG-86	24-SEP-86	1	30000	-0.000002
S-60	WESTMINSTER	27-AUG-86	24-SEP-86	1	23000	0.000000
S-61	DENVER	27-AUG-86	24-SEP-86	1	14000	-0.000002
S-62	GOLDEN	27-AUG-86	24-SEP-86	1	26000	-0.000002
S-68	LAKE POINTE	27-AUG-86	24-SEP-86	1	26000	0.000001
S-73	COTTON CREEK	27-AUG-86	24-SEP-86	1	27000	-0.000002
S-51	MARSHALL	24-SEP-86	22-OCT-86	1	22000	0.000001
S-52	JEFFCO AIRPORT	24-SEP-86	22-OCT-86	1	19000	0.000002
S-53	SUPERIOR	24-SEP-86	22-OCT-86	1	24000	-0.000003
S-54	BOULDER	24-SEP-86	22-OCT-86	1	27000	-0.000002
S-55	LAFAYETTE	24-SEP-86	22-OCT-86	1	32000	-0.000001
S-56	BROOMFIELD	24-SEP-86	22-OCT-86	1	26000	-0.000002
S-57	WALNUT CREEK	24-SEP-86	22-OCT-86	1	28000	-0.000002
S-58	WAGNER	24-SEP-86	22-OCT-86	1	18000	-0.000003
S-59	LEYDEN	24-SEP-86	22-OCT-86	1	29000	-0.000002
S-60	WESTMINSTER	24-SEP-86	22-OCT-86	1	23000	0.000002
S-61	DENVER	24-SEP-86	22-OCT-86	1	30000	-0.000001
S-62	GOLDEN	24-SEP-86	22-OCT-86	1	26000	0.000203
S-68	LAKE POINTE	24-SEP-86	22-OCT-86	1	29000	-0.000002
S-73	COTTON CREEK	24-SEP-86	22-OCT-86	1	27000	-0.000002
S-51	MARSHALL	22-OCT-86	03-DEC-86	1	34000	-0.000001
S-52	JEFFCO AIRPORT	22-OCT-86	03-DEC-86	1	31000	0.000003
S-53	SUPERIOR	22-OCT-86	03-DEC-86	1	36000	-0.000001
S-54	BOULDER	22-OCT-86	03-DEC-86	1	41000	0.000000
S-55	LAFAYETTE	22-OCT-86	03-DEC-86	1	46000	0.000001
S-56	BROOMFIELD	22-OCT-86	03-DEC-86	1	40000	-0.000001
S-57	WALNUT CREEK	22-OCT-86	03-DEC-86	1	42000	0.000005
S-58	WAGNER	22-OCT-86	03-DEC-86	1	38000	0.000002
S-59	LEYDEN	22-OCT-86	03-DEC-86	1	44000	0.000000
S-60	WESTMINSTER	22-OCT-86	03-DEC-86	1	35000	0.000002
S-61	DENVER	22-OCT-86	03-DEC-86	1	44000	-0.000002
S-62	GOLDEN	22-OCT-86	03-DEC-86	1	40000	-0.000001
S-68	LAKE POINTE	22-OCT-86	03-DEC-86	1	45000	0.000000
S-73	COTTON CREEK	22-OCT-86	03-DEC-86	1	44000	-0.000001
S-51	MARSHALL	03-DEC-86	24-DEC-86	1	17000	0.000007
S-52	JEFFCO AIRPORT	03-DEC-86	24-DEC-86	1	17000	-0.000003
S-53	SUPERIOR	03-DEC-86	24-DEC-86	1	18000	-0.000003
S-54	BOULDER	03-DEC-86	24-DEC-86	1	20000	-0.000003
S-55	LAFAYETTE	03-DEC-86	24-DEC-86	1	22000	-0.000001
S-56	BROOMFIELD	03-DEC-86	24-DEC-86	1	20000	-0.000003
S-57	WALNUT CREEK	03-DEC-86	24-DEC-86	1	21000	-0.000001
S-58	WAGNER	03-DEC-86	24-DEC-86	1	19000	-0.000003

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1986

LOCATION	PT EST CONC. (pCi/m^3)	UCL (pCi/m^3)	ERROR (pCi/m^3)	MONTH	YEAR
S-61	0.000000	0.000002	0.000002	08	86
S-62	0.000002	0.000004	0.000002	08	86
S-68	0.000002	0.000004	0.000002	08	86
S-73	0.000002	0.000004	0.000002	08	86
S-51	0.000001	0.000003	0.000002	09	86
S-52	0.000004	0.000007	0.000003	09	86
S-53	-0.000001	0.000001	0.000002	09	86
S-54	0.000000	0.000002	0.000002	09	86
S-55	0.000001	0.000003	0.000002	09	86
S-56	0.000003	0.000005	0.000002	09	86
S-57	0.000002	0.000004	0.000002	09	86
S-58	0.000001	0.000003	0.000002	09	86
S-59	0.000000	0.000002	0.000002	09	86
S-60	0.000002	0.000004	0.000002	09	86
S-61	0.000001	0.000004	0.000003	09	86
S-62	0.000000	0.000002	0.000002	09	86
S-68	0.000003	0.000005	0.000002	09	86
S-73	0.000000	0.000002	0.000002	09	86
S-51	0.000003	0.000005	0.000002	10	86
S-52	0.000005	0.000008	0.000003	10	86
S-53	-0.000001	0.000001	0.000002	10	86
S-54	0.000000	0.000002	0.000002	10	86
S-55	0.000001	0.000003	0.000002	10	86
S-56	0.000000	0.000002	0.000002	10	86
S-57	0.000000	0.000002	0.000002	10	86
S-58	0.000000	0.000003	0.000003	10	86
S-59	0.000000	0.000002	0.000002	10	86
S-60	0.000004	0.000006	0.000002	10	86
S-61	0.000001	0.000003	0.000002	10	86
S-62	0.000232	0.000261	0.000029	10	86
S-68	0.000000	0.000002	0.000002	10	86
S-73	0.000000	0.000002	0.000002	10	86
S-51	0.000000	0.000001	0.000001	11	86
S-52	0.000005	0.000007	0.000002	11	86
S-53	0.000000	0.000001	0.000001	11	86
S-54	0.000001	0.000002	0.000001	11	86
S-55	0.000002	0.000003	0.000001	11	86
S-56	0.000000	0.000001	0.000001	11	86
S-57	0.000007	0.000009	0.000002	11	86
S-58	0.000003	0.000004	0.000001	11	86
S-59	0.000001	0.000002	0.000001	11	86
S-60	0.000004	0.000006	0.000002	11	86
S-61	-0.000001	0.000000	0.000001	11	86
S-62	0.000000	0.000001	0.000001	11	86
S-68	0.000001	0.000002	0.000001	11	86
S-73	0.000000	0.000001	0.000001	11	86
S-51	0.000011	0.000015	0.000004	12	86
S-52	0.000000	0.000003	0.000003	12	86
S-53	0.000000	0.000003	0.000003	12	86
S-54	0.000000	0.000003	0.000003	12	86
S-55	0.000002	0.000005	0.000003	12	86
S-56	0.000000	0.000003	0.000003	12	86
S-57	0.000002	0.000005	0.000003	12	86
S-58	0.000000	0.000003	0.000003	12	86

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1986

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-59	LEYDEN	03-DEC-86	24-DEC-86	1	22000	-0.000001
S-60	WESTMINSTER	03-DEC-86	24-DEC-86	1	12000	-0.000005
S-61	DENVER	03-DEC-86	24-DEC-86	1	21000	-0.000004
S-62	GOLDEN	03-DEC-86	24-DEC-86	1	22000	0.000001
S-68	LAKE POINTE	03-DEC-86	24-DEC-86	1	23000	-0.000002
S-73	COTTON CREEK	03-DEC-86	24-DEC-86	1	22000	-0.000004

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-59	0.000002	0.000005	0.000003	12	86
S-60	0.000000	0.000005	0.000005	12	86
S-61	-0.000001	0.000002	0.000003	12	86
S-62	0.000004	0.000007	0.000003	12	86
S-68	0.000000	0.000002	0.000002	12	86
S-73	-0.000001	0.000002	0.000003	12	86

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1987

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	24-DEC-86	21-JAN-87	1	22000	-0.000002
S-52	JEFFCO AIRPORT	24-DEC-86	21-JAN-87	1	28000	-0.000002
S-53	SUPERIOR	24-DEC-86	21-JAN-87	1	25000	-0.000001
S-54	BOULDER	24-DEC-86	21-JAN-87	1	31000	-0.000002
S-55	LAFAYETTE	24-DEC-86	21-JAN-87	1	27000	-0.000002
S-56	BROOMFIELD	24-DEC-86	21-JAN-87	1	25000	-0.000002
S-57	WALNUT CREEK	24-DEC-86	21-JAN-87	1	32000	-0.000003
S-58	WAGNER	24-DEC-86	21-JAN-87	1	30000	-0.000002
S-59	LEYDEN	24-DEC-86	21-JAN-87	1	31000	-0.000003
S-60	WESTMINSTER	24-DEC-86	21-JAN-87	1	25000	0.000000
S-61	DENVER	24-DEC-86	21-JAN-87	1	26000	-0.000001
S-62	GOLDEN	24-DEC-86	21-JAN-87	1	28000	-0.000003
S-68	LAKEVIEW POINTE	24-DEC-86	21-JAN-87	1	36000	-0.000001
S-73	COTTON CREEK	24-DEC-86	21-JAN-87	1	31000	-0.000002
S-51	MARSHALL	21-JAN-87	18-FEB-87	1	22000	0.000001
S-52	JEFFCO AIRPORT	21-JAN-87	18-FEB-87	1	28000	-0.000001
S-53	SUPERIOR	21-JAN-87	18-FEB-87	1	25000	-0.000002
S-54	BOULDER	21-JAN-87	18-FEB-87	1	31000	-0.000001
S-55	LAFAYETTE	21-JAN-87	18-FEB-87	1	28000	-0.000001
S-56	BROOMFIELD	21-JAN-87	18-FEB-87	1	23000	-0.000003
S-57	WALNUT CREEK	21-JAN-87	18-FEB-87	1	31000	0.000002
S-58	WAGNER	21-JAN-87	18-FEB-87	1	29000	-0.000002
S-59	LEYDEN	21-JAN-87	18-FEB-87	1	30000	-0.000002
S-60	WESTMINSTER	21-JAN-87	18-FEB-87	1	25000	-0.000002
S-61	DENVER	21-JAN-87	18-FEB-87	1	12000	-0.000007
S-62	GOLDEN	21-JAN-87	18-FEB-87	1	28000	-0.000003
S-68	LAKEVIEW POINTE	21-JAN-87	18-FEB-87	1	36000	-0.000001
S-73	COTTON CREEK	21-JAN-87	18-FEB-87	1	30000	0.000000
S-51	MARSHALL	18-FEB-87	01-APR-87	1	36000	0.000003
S-52	JEFFCO AIRPORT	18-FEB-87	01-APR-87	1	40000	0.000003
S-53	SUPERIOR	18-FEB-87	01-APR-87	1	38000	0.000002
S-54	BOULDER	18-FEB-87	01-APR-87	1	47000	0.000002
S-55	LAFAYETTE	18-FEB-87	01-APR-87	1	42000	0.000002
S-56	BROOMFIELD	18-FEB-87	01-APR-87	1	35000	0.000002
S-57	WALNUT CREEK	18-FEB-87	01-APR-87	1	47000	0.000000
S-58	WAGNER	18-FEB-87	01-APR-87	1	44000	0.000001
S-59	LEYDEN	18-FEB-87	01-APR-87	1	45000	0.000000
S-60	WESTMINSTER	18-FEB-87	01-APR-87	1	38000	0.000002
S-61	DENVER	18-FEB-87	01-APR-87	1	41000	0.000000
S-62	GOLDEN	18-FEB-87	01-APR-87	1	43000	0.000000
S-68	LAKEVIEW POINTE	18-FEB-87	01-APR-87	1	51000	0.000000
S-73	COTTON CREEK	18-FEB-87	01-APR-87	1	43000	-0.000002
S-51	MARSHALL	01-APR-87	29-APR-87	1	26000	0.000000
S-52	JEFFCO AIRPORT	01-APR-87	29-APR-87	1	26000	-0.000002
S-53	SUPERIOR	01-APR-87	29-APR-87	1	28000	-0.000001
S-54	BOULDER	01-APR-87	29-APR-87	1	27000	-0.000001
S-55	LAFAYETTE	01-APR-87	29-APR-87	1	26000	-0.000001
S-56	BROOMFIELD	01-APR-87	29-APR-87	1	25000	0.000000
S-57	WALNUT CREEK	01-APR-87	29-APR-87	1	29000	0.000000
S-58	WAGNER	01-APR-87	29-APR-87	1	28000	-0.000001
S-59	LEYDEN	01-APR-87	29-APR-87	1	24000	-0.000001
S-60	WESTMINSTER	01-APR-87	29-APR-87	1	21000	-0.000003
S-61	DENVER	01-APR-87	29-APR-87	1	29000	-0.000002
S-62	GOLDEN	01-APR-87	29-APR-87	1	29000	-0.000001

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1987

LOCATION	PT _{EST} CONC ($\mu\text{Ci}/\text{m}^3$)	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-51	0.000000	0.000002	0.000002	01	87
S-52	0.000000	0.000002	0.000002	01	87
S-53	0.000001	0.000003	0.000002	01	87
S-54	0.000000	0.000002	0.000002	01	87
S-55	0.000000	0.000002	0.000002	01	87
S-56	0.000000	0.000002	0.000002	01	87
S-57	-0.000001	0.000001	0.000002	01	87
S-58	0.000000	0.000002	0.000002	01	87
S-59	-0.000001	0.000001	0.000002	01	87
S-60	0.000002	0.000004	0.000002	01	87
S-61	0.000001	0.000003	0.000002	01	87
S-62	-0.000001	0.000001	0.000002	01	87
S-68	0.000000	0.000001	0.000001	01	87
S-73	0.000000	0.000002	0.000002	01	87
S-51	0.000004	0.000007	0.000003	02	87
S-52	0.000001	0.000003	0.000002	02	87
S-53	0.000000	0.000002	0.000002	02	87
S-54	0.000001	0.000003	0.000002	02	87
S-55	0.000001	0.000003	0.000002	02	87
S-56	-0.000001	0.000001	0.000002	02	87
S-57	0.000004	0.000006	0.000002	02	87
S-58	0.000000	0.000002	0.000002	02	87
S-59	0.000000	0.000002	0.000002	02	87
S-60	0.000000	0.000002	0.000002	02	87
S-61	-0.000002	0.000003	0.000005	02	87
S-62	-0.000001	0.000001	0.000002	02	87
S-68	0.000001	0.000003	0.000002	02	87
S-73	0.000002	0.000004	0.000002	02	87
S-51	0.000005	0.000007	0.000002	03	87
S-52	0.000005	0.000007	0.000002	03	87
S-53	0.000004	0.000006	0.000002	03	87
S-54	0.000004	0.000006	0.000002	03	87
S-55	0.000004	0.000006	0.000002	03	87
S-56	0.000004	0.000006	0.000002	03	87
S-57	0.000001	0.000002	0.000001	03	87
S-58	0.000002	0.000003	0.000001	03	87
S-59	0.000001	0.000002	0.000001	03	87
S-60	0.000004	0.000006	0.000002	03	87
S-61	0.000001	0.000002	0.000001	03	87
S-62	0.000001	0.000002	0.000001	03	87
S-68	0.000001	0.000002	0.000001	03	87
S-73	-0.000001	0.000000	0.000001	03	87
S-51	0.000002	0.000004	0.000002	04	87
S-52	0.000000	0.000002	0.000002	04	87
S-53	0.000001	0.000003	0.000002	04	87
S-54	0.000001	0.000003	0.000002	04	87
S-55	0.000001	0.000003	0.000002	04	87
S-56	0.000002	0.000004	0.000002	04	87
S-57	0.000002	0.000004	0.000002	04	87
S-58	0.000003	0.000005	0.000002	04	87
S-59	0.000001	0.000003	0.000002	04	87
S-60	0.000000	0.000003	0.000003	04	87
S-61	0.000000	0.000002	0.000002	04	87
S-62	0.000001	0.000003	0.000002	04	87

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1987

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-68	LAKEVIEW POINTE	01-APR-87	29-APR-87	1	24000	0.000000
S-73	COTTON CREEK	01-APR-87	29-APR-87	1	27000	-0.000001
S-51	MARSHALL	29-APR-87	27-MAY-87	1	26000	-0.000001
S-52	JEFFCO AIRPORT	29-APR-87	27-MAY-87	1	25000	-0.000001
S-53	SUPERIOR	29-APR-87	27-MAY-87	1	26000	-0.000003
S-54	BOULDER	29-APR-87	27-MAY-87	1	26000	-0.000001
S-55	LAFAYETTE	29-APR-87	27-MAY-87	1	25000	0.000001
S-56	BROOMFIELD	29-APR-87	27-MAY-87	1	25000	-0.000003
S-57	WALNUT CREEK	29-APR-87	27-MAY-87	1	28000	-0.000002
S-58	WAGNER	29-APR-87	27-MAY-87	1	28000	-0.000002
S-59	LEYDEN	29-APR-87	27-MAY-87	1	24000	-0.000003
S-60	WESTMINSTER	29-APR-87	27-MAY-87	1	20000	-0.000004
S-61	DENVER	29-APR-87	27-MAY-87	1	30000	-0.000002
S-62	GOLDEN	29-APR-87	27-MAY-87	1	29000	-0.000002
S-68	LAKEVIEW POINTE	29-APR-87	27-MAY-87	1	22000	-0.000003
S-73	COTTON CREEK	29-APR-87	27-MAY-87	1	25000	-0.000002
S-51	MARSHALL	27-MAY-87	24-JUN-87	1	25000	-0.000003
S-52	JEFFCO AIRPORT	27-MAY-87	24-JUN-87	1	25000	0.000007
S-53	SUPERIOR	27-MAY-87	24-JUN-87	1	26000	0.000001
S-54	BOULDER	27-MAY-87	24-JUN-87	1	26000	-0.000002
S-55	LAFAYETTE	27-MAY-87	24-JUN-87	1	25000	-0.000001
S-56	BROOMFIELD	27-MAY-87	24-JUN-87	1	24000	-0.000002
S-57	WALNUT CREEK	27-MAY-87	24-JUN-87	1	28000	-0.000002
S-58	WAGNER	27-MAY-87	24-JUN-87	1	28000	0.000005
S-59	LEYDEN	27-MAY-87	24-JUN-87	1	23000	-0.000002
S-60	WESTMINSTER	27-MAY-87	24-JUN-87	1	20000	0.000001
S-61	DENVER	27-MAY-87	24-JUN-87	1	29000	-0.000001
S-62	GOLDEN	27-MAY-87	24-JUN-87	1	26000	0.000001
S-68	LAKEVIEW POINTE	27-MAY-87	24-JUN-87	1	20000	-0.000002
S-73	COTTON CREEK	27-MAY-87	24-JUN-87	1	25000	-0.000002
S-51	MARSHALL	24-JUN-87	05-AUG-87	1	38000	0.000001
S-52	JEFFCO AIRPORT	24-JUN-87	05-AUG-87	1	37000	0.000003
S-53	SUPERIOR	24-JUN-87	05-AUG-87	1	38000	-0.000001
S-54	BOULDER	24-JUN-87	05-AUG-87	1	38000	0.000000
S-55	LAFAYETTE	24-JUN-87	05-AUG-87	1	37000	-0.000002
S-56	BROOMFIELD	24-JUN-87	05-AUG-87	1	34000	0.000002
S-57	WALNUT CREEK	24-JUN-87	05-AUG-87	1	42000	0.000000
S-58	WAGNER	24-JUN-87	05-AUG-87	1	42000	0.000001
S-59	LEYDEN	24-JUN-87	05-AUG-87	1	35000	0.000006
S-60	WESTMINSTER	24-JUN-87	05-AUG-87	1	28000	-0.000002
S-61	DENVER	24-JUN-87	05-AUG-87	1	44000	0.000000
S-62	GOLDEN	24-JUN-87	05-AUG-87	1	41000	0.000003
S-68	LAKEVIEW POINTE	24-JUN-87	05-AUG-87	1	29000	0.000005
S-73	COTTON CREEK	24-JUN-87	05-AUG-87	1	35000	-0.000002
S-51	MARSHALL	05-AUG-87	02-SEP-87	1	27000	-0.000001
S-52	JEFFCO AIRPORT	05-AUG-87	02-SEP-87	1	26000	0.000001
S-53	SUPERIOR	05-AUG-87	02-SEP-87	1	27000	0.000001
S-54	BOULDER	05-AUG-87	02-SEP-87	1	27000	-0.000001
S-55	LAFAYETTE	05-AUG-87	02-SEP-87	1	26000	-0.000001
S-56	BROOMFIELD	05-AUG-87	02-SEP-87	1	22000	-0.000001
S-57	WALNUT CREEK	05-AUG-87	02-SEP-87	1	29000	-0.000002
S-58	WAGNER	05-AUG-87	02-SEP-87	1	29000	0.000004
S-59	LEYDEN	05-AUG-87	02-SEP-87	1	24000	0.000000
S-60	WESTMINSTER	05-AUG-87	02-SEP-87	1	20000	-0.000003

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1987

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-68	0.000002	0.000004	0.000002	04	87
S-73	0.000001	0.000003	0.000002	04	87
S-51	0.000001	0.000003	0.000002	05	87
S-52	0.000001	0.000003	0.000002	05	87
S-53	-0.000001	0.000001	0.000002	05	87
S-54	0.000001	0.000003	0.000002	05	87
S-55	0.000003	0.000005	0.000002	05	87
S-56	-0.000001	0.000001	0.000002	05	87
S-57	0.000000	0.000002	0.000002	05	87
S-58	0.000000	0.000002	0.000002	05	87
S-59	-0.000001	0.000001	0.000002	05	87
S-60	-0.000001	0.000002	0.000003	05	87
S-61	0.000000	0.000002	0.000002	05	87
S-62	0.000000	0.000002	0.000002	05	87
S-68	0.000000	0.000003	0.000003	05	87
S-73	0.000000	0.000002	0.000002	05	87
S-51	-0.000001	0.000001	0.000002	06	87
S-52	0.000010	0.000013	0.000003	06	87
S-53	0.000004	0.000007	0.000003	06	87
S-54	0.000000	0.000002	0.000002	06	87
S-55	0.000002	0.000005	0.000003	06	87
S-56	0.000001	0.000004	0.000003	06	87
S-57	0.000000	0.000002	0.000002	06	87
S-58	0.000007	0.000009	0.000002	06	87
S-59	0.000000	0.000002	0.000002	06	87
S-60	0.000004	0.000007	0.000003	06	87
S-61	0.000001	0.000003	0.000002	06	87
S-62	0.000003	0.000005	0.000002	06	87
S-68	0.000001	0.000004	0.000003	06	87
S-73	0.000000	0.000002	0.000002	06	87
S-51	0.000003	0.000005	0.000002	07	87
S-52	0.000005	0.000007	0.000002	07	87
S-53	0.000001	0.000003	0.000002	07	87
S-54	0.000002	0.000004	0.000002	07	87
S-55	0.000000	0.000002	0.000002	07	87
S-56	0.000004	0.000006	0.000002	07	87
S-57	0.000002	0.000004	0.000002	07	87
S-58	0.000003	0.000005	0.000002	07	87
S-59	0.000008	0.000010	0.000002	07	87
S-60	0.000000	0.000002	0.000002	07	87
S-61	0.000001	0.000002	0.000001	07	87
S-62	0.000005	0.000007	0.000002	07	87
S-68	0.000008	0.000011	0.000003	07	87
S-73	0.000000	0.000002	0.000002	07	87
S-51	0.000001	0.000003	0.000002	08	87
S-52	0.000004	0.000007	0.000003	08	87
S-53	0.000003	0.000005	0.000002	08	87
S-54	0.000001	0.000003	0.000002	08	87
S-55	0.000001	0.000003	0.000002	08	87
S-56	0.000002	0.000005	0.000003	08	87
S-57	0.000000	0.000002	0.000002	08	87
S-58	0.000006	0.000008	0.000002	08	87
S-59	0.000003	0.000006	0.000003	08	87
S-60	0.000000	0.000003	0.000003	08	87

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1987

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-61	DENVER	05-AUG-87	02-SEP-87	1	30000	0.000003
S-62	GOLDEN	05-AUG-87	02-SEP-87	1	29000	-0.000001
S-68	LAKEVIEW POINTE	05-AUG-87	02-SEP-87	1	21000	-0.000003
S-73	COTTON CREEK	05-AUG-87	02-SEP-87	1	25000	0.000000

LOCATION	PT. EST. CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-61	0.000005	0.000007	0.000002	08	87
S-62	0.000001	0.000003	0.000002	08	87
S-68	0.000000	0.000003	0.000003	08	87
S-73	0.000003	0.000006	0.000003	08	87

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1977

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-57	WALNUT CREEK	01-MAY-77	31-MAY-77	1	18000	
S-58	WAGNER	01-MAY-77	31-MAY-77	1	14000	
S-59	LEYDEN	01-MAY-77	31-MAY-77	2	35000	
S-60	WESTMINSTER	01-MAY-77	31-MAY-77	1	15000	
S-61	DENVER	01-MAY-77	31-MAY-77	2	34000	
S-62	GOLDEN	01-MAY-77	31-MAY-77	1	17000	
S-51	MARSHALL	01-JUN-77	30-JUN-77	2	33000	
S-52	JEFFCO AIRPORT	01-JUN-77	30-JUN-77	2	34000	
S-53	SUPERIOR	01-JUN-77	30-JUN-77	2	35000	
S-54	BOULDER	01-JUN-77	30-JUN-77	2	38000	
S-55	LAFAYETTE	01-JUN-77	30-JUN-77	1	18000	
S-56	BROOMFIELD	01-JUN-77	30-JUN-77	2	39000	
S-57	WALNUT CREEK	01-JUN-77	30-JUN-77	2	34000	
S-58	WAGNER	01-JUN-77	30-JUN-77	1	17000	
S-59	LEYDEN	01-JUN-77	30-JUN-77	1	16000	
S-60	WESTMINSTER	01-JUN-77	30-JUN-77	2	34000	
S-61	DENVER	01-JUN-77	30-JUN-77	2	30000	
S-62	GOLDEN	01-JUN-77	30-JUN-77	2	33000	
S-51	MARSHALL	01-JUL-77	31-JUL-77	3	49000	
S-52	JEFFCO AIRPORT	01-JUL-77	31-JUL-77	2	33000	
S-53	SUPERIOR	01-JUL-77	31-JUL-77	3	52000	
S-54	BOULDER	01-JUL-77	31-JUL-77	3	55000	
S-55	LAFAYETTE	01-JUL-77	31-JUL-77	2	36000	
S-56	BROOMFIELD	01-JUL-77	31-JUL-77	2	38000	
S-57	WALNUT CREEK	01-JUL-77	31-JUL-77	2	35000	
S-58	WAGNER	01-JUL-77	31-JUL-77	3	52000	
S-59	LEYDEN	01-JUL-77	31-JUL-77	1	15000	
S-60	WESTMINSTER	01-JUL-77	31-JUL-77	2	34000	
S-61	DENVER	01-JUL-77	31-JUL-77	3	47000	
S-62	GOLDEN	01-JUL-77	31-JUL-77	2	33000	
S-51	MARSHALL	01-AUG-77	31-AUG-77	1	15000	
S-52	JEFFCO AIRPORT	01-AUG-77	31-AUG-77	2	33000	
S-53	SUPERIOR	01-AUG-77	31-AUG-77	1	15000	
S-54	BOULDER	01-AUG-77	31-AUG-77	2	36000	
S-55	LAFAYETTE	01-AUG-77	31-AUG-77	2	33000	
S-56	BROOMFIELD	01-AUG-77	31-AUG-77	2	35000	
S-57	WALNUT CREEK	01-AUG-77	31-AUG-77	2	34000	
S-58	WAGNER	01-AUG-77	31-AUG-77	2	35000	
S-59	LEYDEN	01-AUG-77	31-AUG-77	2	31000	
S-60	WESTMINSTER	01-AUG-77	31-AUG-77	2	33000	
S-61	DENVER	01-AUG-77	31-AUG-77	2	30000	
S-62	GOLDEN	01-AUG-77	31-AUG-77	2	33000	
S-51	MARSHALL	01-SEP-77	30-SEP-77	2	33000	
S-52	JEFFCO AIRPORT	01-SEP-77	30-SEP-77	2	32000	
S-53	SUPERIOR	01-SEP-77	30-SEP-77	3	39000	
S-54	BOULDER	01-SEP-77	30-SEP-77	2	35000	
S-55	LAFAYETTE	01-SEP-77	30-SEP-77	2	33000	
S-56	BROOMFIELD	01-SEP-77	30-SEP-77	2	38000	
S-57	WALNUT CREEK	01-SEP-77	30-SEP-77	1	17000	
S-58	WAGNER	01-SEP-77	30-SEP-77	2	34000	
S-59	LEYDEN	01-SEP-77	30-SEP-77	2	33000	
S-60	WESTMINSTER	01-SEP-77	30-SEP-77	2	32000	
S-61	DENVER	01-SEP-77	30-SEP-77	2	29000	
S-62	GOLDEN	01-SEP-77	30-SEP-77	2	30000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1977

LOCATION	PT _{EST} CONC ($\mu\text{Ci}/\text{m}^3$)	UCL ($\mu\text{Ci}/\text{m}^3$)	ERROR ($\mu\text{Ci}/\text{m}^3$)	MONTH	YEAR
S-57	0.000064			05	77
S-58	0.000067			05	77
S-59	0.000044			05	77
S-60	0.000072			05	77
S-61	0.000059			05	77
S-62	0.000072			05	77
S-51	0.000066			06	77
S-52	0.000059			06	77
S-53	0.000057			06	77
S-54	0.000041			06	77
S-55	0.000049			06	77
S-56	0.000048			06	77
S-57	0.000055			06	77
S-58	0.000055			06	77
S-59	0.000037			06	77
S-60	0.000068			06	77
S-61	0.000048			06	77
S-62	0.000049			06	77
S-51	0.000040			07	77
S-52	0.000050			07	77
S-53	0.000040			07	77
S-54	0.000040			07	77
S-55	0.000050			07	77
S-56	0.000040			07	77
S-57	0.000200			07	77
S-58	0.000040			07	77
S-59	0.000030			07	77
S-60	0.000040			07	77
S-61	0.000050			07	77
S-62	0.000040			07	77
S-51	0.000040			08	77
S-52	0.000050			08	77
S-53	0.000050			08	77
S-54	0.000030			08	77
S-55	0.000040			08	77
S-56	0.000040			08	77
S-57	0.000040			08	77
S-58	0.000040			08	77
S-59	0.000030			08	77
S-60	0.000050			08	77
S-61	0.000040			08	77
S-62	0.000030			08	77
S-51	0.000050			09	77
S-52	0.000070			09	77
S-53	0.000050			09	77
S-54	0.000050			09	77
S-55	0.000080			09	77
S-56	0.000030			09	77
S-57	0.000030			09	77
S-58	0.000070			09	77
S-59	0.000060			09	77
S-60	0.000030			09	77
S-61	0.000070			09	77
S-62	0.000060			09	77

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1975

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	01-JAN-75	31-JAN-75	1	35000	
S-53	SUPERIOR	01-JAN-75	31-JAN-75	1	39000	
S-51	MARSHALL	01-FEB-75	28-FEB-75	1	35000	
S-53	SUPERIOR	01-FEB-75	28-FEB-75	1	39000	
S-58	WAGNER	01-FEB-75	28-FEB-75	1	17000	
S-51	MARSHALL	01-MAR-75	31-MAR-75	1	37000	
S-53	SUPERIOR	01-MAR-75	31-MAR-75	1	38000	
S-54	BOULDER	01-MAR-75	31-MAR-75	1	39000	
S-55	LAFAYETTE	01-MAR-75	31-MAR-75	1	38000	
S-56	BROOMFIELD	01-MAR-75	31-MAR-75	1	36000	
S-57	WALNUT CREEK	01-MAR-75	31-MAR-75	1	40000	
S-58	WAGNER	01-MAR-75	31-MAR-75	1	35000	
S-59	LEYDEN	01-MAR-75	31-MAR-75	1	35000	
S-62	GOLDEN	01-MAR-75	31-MAR-75	1	36000	
S-51	MARSHALL	01-APR-75	30-APR-75	1	39000	
S-53	SUPERIOR	01-APR-75	30-APR-75	1	39000	
S-54	BOULDER	01-APR-75	30-APR-75	1	40000	
S-55	LAFAYETTE	01-APR-75	30-APR-75	1	38000	
S-56	BROOMFIELD	01-APR-75	30-APR-75	1	37000	
S-57	WALNUT CREEK	01-APR-75	30-APR-75	1	41000	
S-58	WAGNER	01-APR-75	30-APR-75	1	36000	
S-59	LEYDEN	01-APR-75	30-APR-75	1	46000	
S-62	GOLDEN	01-APR-75	30-APR-75	1	49000	
S-51	MARSHALL	01-MAY-75	31-MAY-75	1	39000	
S-53	SUPERIOR	01-MAY-75	31-MAY-75	1	48000	
S-54	BOULDER	01-MAY-75	31-MAY-75	1	49000	
S-55	LAFAYETTE	01-MAY-75	31-MAY-75	1	48000	
S-56	BROOMFIELD	01-MAY-75	31-MAY-75	1	45000	
S-57	WALNUT CREEK	01-MAY-75	31-MAY-75	1	49000	
S-58	WAGNER	01-MAY-75	31-MAY-75	1	44000	
S-59	LEYDEN	01-MAY-75	31-MAY-75	1	27000	
S-62	GOLDEN	01-MAY-75	31-MAY-75	1	38000	
S-51	MARSHALL	01-JUN-75	30-JUN-75	0		
S-53	SUPERIOR	01-JUN-75	30-JUN-75	1	38000	
S-54	BOULDER	01-JUN-75	30-JUN-75	1	41000	
S-55	LAFAYETTE	01-JUN-75	30-JUN-75	1	38000	
S-56	BROOMFIELD	01-JUN-75	30-JUN-75	1	36000	
S-57	WALNUT CREEK	01-JUN-75	30-JUN-75	0		
S-58	WAGNER	01-JUN-75	30-JUN-75	1	36000	
S-59	LEYDEN	01-JUN-75	30-JUN-75	1	27000	
S-60	WESTMINSTER	01-JUN-75	30-JUN-75	1	15000	
S-61	DENVER	01-JUN-75	30-JUN-75	1	33000	
S-62	GOLDEN	01-JUN-75	30-JUN-75	1	29000	
S-51	MARSHALL	01-JUL-75	31-JUL-75	1	38000	
S-53	SUPERIOR	01-JUL-75	31-JUL-75	1	46000	
S-54	BOULDER	01-JUL-75	31-JUL-75	1	50000	
S-55	LAFAYETTE	01-JUL-75	31-JUL-75	1	45000	
S-56	BROOMFIELD	01-JUL-75	31-JUL-75	1	37000	
S-57	WALNUT CREEK	01-JUL-75	31-JUL-75	1	47000	
S-58	WAGNER	01-JUL-75	31-JUL-75	1	44000	
S-59	LEYDEN	01-JUL-75	31-JUL-75	1	16000	
S-60	WESTMINSTER	01-JUL-75	31-JUL-75	1	45000	
S-61	DENVER	01-JUL-75	31-JUL-75	1	41000	
S-62	GOLDEN	01-JUL-75	31-JUL-75	1	37000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1975

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	0.000029			01	75
S-53	0.000045			01	75
S-51	0.000052			02	75
S-53	0.000043			02	75
S-58	0.000039			02	75
S-51	0.000019			03	75
S-53	0.000050			03	75
S-54	0.000040			03	75
S-55	0.000030			03	75
S-56	0.000038			03	75
S-57	0.000032			03	75
S-58	0.000050			03	75
S-59	0.000054			03	75
S-62	0.000039			03	75
S-51	0.000040			04	75
S-53	0.000040			04	75
S-54	0.000040			04	75
S-55	0.000034			04	75
S-56	0.000039			04	75
S-57	0.000040			04	75
S-58	0.000057			04	75
S-59	0.000069			04	75
S-62	0.000043			04	75
S-51	0.000138			05	75
S-53	0.000129			05	75
S-54	0.000108			05	75
S-55	0.000099			05	75
S-56	0.000120			05	75
S-57	0.000077			05	75
S-58	0.000116			05	75
S-59	0.000061			05	75
S-62	0.000119			05	75
S-51				06	75
S-53	0.000034			06	75
S-54	0.000027			06	75
S-55	0.000024			06	75
S-56	0.000030			06	75
S-57				06	75
S-58	0.000034			06	75
S-59	0.000058			06	75
S-60	0.000037			06	75
S-61	0.000035			06	75
S-62	0.000065			06	75
S-51	0.000040			07	75
S-53	0.000032			07	75
S-54	0.000022			07	75
S-55	0.000037			07	75
S-56	0.000035			07	75
S-57	0.000026			07	75
S-58	0.000031			07	75
S-59	0.000057			07	75
S-60	0.000018			07	75
S-61	0.000029			07	75
S-62	0.000029			07	75

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1975

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	01-AUG-75	31-AUG-75	1	30000	
S-53	SUPERIOR	01-AUG-75	31-AUG-75	1	37000	
S-54	BOULDER	01-AUG-75	31-AUG-75	1	40000	
S-55	LAFAYETTE	01-AUG-75	31-AUG-75	1	38000	
S-56	BROOMFIELD	01-AUG-75	31-AUG-75	1	46000	
S-57	WALNUT CREEK	01-AUG-75	31-AUG-75	1	39000	
S-58	WAGNER	01-AUG-75	31-AUG-75	1	36000	
S-59	LEYDEN	01-AUG-75	31-AUG-75	1	25000	
S-60	WESTMINSTER	01-AUG-75	31-AUG-75	1	37000	
S-61	DENVER	01-AUG-75	31-AUG-75	1	34000	
S-62	GOLDEN	01-AUG-75	31-AUG-75	1	39000	
S-51	MARSHALL	01-SEP-75	30-SEP-75	1	31000	
S-53	SUPERIOR	01-SEP-75	30-SEP-75	1	37000	
S-54	BOULDER	01-SEP-75	30-SEP-75	1	41000	
S-55	LAFAYETTE	01-SEP-75	30-SEP-75	1	38000	
S-56	BROOMFIELD	01-SEP-75	30-SEP-75	1	38000	
S-57	WALNUT CREEK	01-SEP-75	30-SEP-75	1	40000	
S-58	WAGNER	01-SEP-75	30-SEP-75	1	36000	
S-59	LEYDEN	01-SEP-75	30-SEP-75	1	26000	
S-60	WESTMINSTER	01-SEP-75	30-SEP-75	1	37000	
S-61	DENVER	01-SEP-75	30-SEP-75	1	34000	
S-62	GOLDEN	01-SEP-75	30-SEP-75	1	29000	
S-51	MARSHALL	01-OCT-75	31-OCT-75	1	42000	
S-53	SUPERIOR	01-OCT-75	31-OCT-75	1	48000	
S-54	BOULDER	01-OCT-75	31-OCT-75	1	52000	
S-55	LAFAYETTE	01-OCT-75	31-OCT-75	1	48000	
S-56	BROOMFIELD	01-OCT-75	31-OCT-75	1	48000	
S-57	WALNUT CREEK	01-OCT-75	31-OCT-75	1	49000	
S-58	WAGNER	01-OCT-75	31-OCT-75	1	45000	
S-59	LEYDEN	01-OCT-75	31-OCT-75	1	33000	
S-60	WESTMINSTER	01-OCT-75	31-OCT-75	1	48000	
S-61	DENVER	01-OCT-75	31-OCT-75	1	42000	
S-62	GOLDEN	01-OCT-75	31-OCT-75	1	40000	
S-51	MARSHALL	01-NOV-75	30-NOV-75	1	34000	
S-53	SUPERIOR	01-NOV-75	30-NOV-75	1	36000	
S-54	BOULDER	01-NOV-75	30-NOV-75	1	40000	
S-55	LAFAYETTE	01-NOV-75	30-NOV-75	1	36000	
S-56	BROOMFIELD	01-NOV-75	30-NOV-75	1	40000	
S-57	WALNUT CREEK	01-NOV-75	30-NOV-75	1	34000	
S-58	WAGNER	01-NOV-75	30-NOV-75	1	39000	
S-59	LEYDEN	01-NOV-75	30-NOV-75	1	38000	
S-60	WESTMINSTER	01-NOV-75	30-NOV-75	1	37000	
S-61	DENVER	01-NOV-75	30-NOV-75	1	42000	
S-62	GOLDEN	01-NOV-75	30-NOV-75	1	35000	
S-51	MARSHALL	01-DEC-75	31-DEC-75	1	45000	
S-53	SUPERIOR	01-DEC-75	31-DEC-75	1	41000	
S-54	BOULDER	01-DEC-75	31-DEC-75	1	41000	
S-55	LAFAYETTE	01-DEC-75	31-DEC-75	1	41000	
S-56	BROOMFIELD	01-DEC-75	31-DEC-75	1	40000	
S-57	WALNUT CREEK	01-DEC-75	31-DEC-75	1	43000	
S-58	WAGNER	01-DEC-75	31-DEC-75	1	40000	
S-59	LEYDEN	01-DEC-75	31-DEC-75	1	39000	
S-60	WESTMINSTER	01-DEC-75	31-DEC-75	1	38000	
S-61	DENVER	01-DEC-75	31-DEC-75	1	21000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1975

LOCATION	PT CONC. (pCi/m^3)	EST. (pCi/m^3)	UCL (pCi/m^3)	ERROR (pCi/m^3)	MONTH	YEAR
S-51		0.000016			08	75
S-53		0.000014			08	75
S-54		0.000011			08	75
S-55		0.000013			08	75
S-56		0.000020			08	75
S-57		0.000019			08	75
S-58		0.000013			08	75
S-59		0.000034			08	75
S-60		0.000011			08	75
S-61		0.000012			08	75
S-62		0.000027			08	75
S-51		0.000003			09	75
S-53		0.000003			09	75
S-54		0.000010			09	75
S-55		0.000009			09	75
S-56		0.000003			09	75
S-57		0.000014			09	75
S-58		0.000003			09	75
S-59		0.000038			09	75
S-60		0.000006			09	75
S-61		0.000011			09	75
S-62		0.000056			09	75
S-51		0.000013			10	75
S-53		0.000009			10	75
S-54		0.000003			10	75
S-55		0.000021			10	75
S-56		0.000006			10	75
S-57		0.000003			10	75
S-58		0.000016			10	75
S-59		0.000012			10	75
S-60		0.000011			10	75
S-61		0.000005			10	75
S-62		0.000024			10	75
S-51		0.000003			11	75
S-53		0.000003			11	75
S-54		0.000003			11	75
S-55		0.000003			11	75
S-56		0.000003			11	75
S-57		0.000003			11	75
S-58		0.000022			11	75
S-59		0.000009			11	75
S-60		0.000006			11	75
S-61		0.000006			11	75
S-62		0.000003			11	75
S-51		0.000011			12	75
S-53		0.000004			12	75
S-54		0.000005			12	75
S-55		0.000028			12	75
S-56		0.000013			12	75
S-57		0.000007			12	75
S-58		0.000004			12	75
S-59		0.000012			12	75
S-60		0.000011			12	75
S-61		0.000022			12	75

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1975

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-62	GOLDEN	01-DEC-75	31-DEC-75	1	40000	

LOCATION	PT CONC (pCi/m ³)	EST UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-62	0.000011			12	75

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1976

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	01-JAN-76	31-JAN-76	1	47000	
S-53	SUPERIOR	01-JAN-76	31-JAN-76	1	51000	
S-54	BOULDER	01-JAN-76	31-JAN-76	1	54000	
S-55	LAFAYETTE	01-JAN-76	31-JAN-76	1	38000	
S-56	BROOMFIELD	01-JAN-76	31-JAN-76	1	48000	
S-57	WALNUT CREEK	01-JAN-76	31-JAN-76	1	43000	
S-58	WAGNER	01-JAN-76	31-JAN-76	1	49000	
S-59	LEYDEN	01-JAN-76	31-JAN-76	1	45000	
S-60	WESTMINSTER	01-JAN-76	31-JAN-76	1	36000	
S-61	DENVER	01-JAN-76	31-JAN-76	1	42000	
S-62	GOLDEN	01-JAN-76	31-JAN-76	1	61000	
S-51	MARSHALL	01-FEB-76	29-FEB-76	4	37000	
S-53	SUPERIOR	01-FEB-76	29-FEB-76	4	40000	
S-54	BOULDER	01-FEB-76	29-FEB-76	4	42000	
S-55	LAFAYETTE	01-FEB-76	29-FEB-76	4	29000	
S-56	BROOMFIELD	01-FEB-76	29-FEB-76	4	42000	
S-57	WALNUT CREEK	01-FEB-76	29-FEB-76	4	43000	
S-58	WAGNER	01-FEB-76	29-FEB-76	4	39000	
S-59	LEYDEN	01-FEB-76	29-FEB-76	4	38000	
S-60	WESTMINSTER	01-FEB-76	29-FEB-76	4	38000	
S-61	DENVER	01-FEB-76	29-FEB-76	4	33000	
S-62	GOLDEN	01-FEB-76	29-FEB-76	4	40000	
S-51	MARSHALL	01-MAR-76	31-MAR-76	3	36000	
S-53	SUPERIOR	01-MAR-76	31-MAR-76	3	39000	
S-54	BOULDER	01-MAR-76	31-MAR-76	2	21000	
S-55	LAFAYETTE	01-MAR-76	31-MAR-76	2	21000	
S-56	BROOMFIELD	01-MAR-76	31-MAR-76	3	40000	
S-57	WALNUT CREEK	01-MAR-76	31-MAR-76	3	43000	
S-58	WAGNER	01-MAR-76	31-MAR-76	3	48000	
S-59	LEYDEN	01-MAR-76	31-MAR-76	3	38000	
S-60	WESTMINSTER	01-MAR-76	31-MAR-76	3	39000	
S-61	DENVER	01-MAR-76	31-MAR-76	3	34000	
S-62	GOLDEN	01-MAR-76	31-MAR-76	3	40000	
S-51	MARSHALL	01-APR-76	30-APR-76	2	32000	
S-53	SUPERIOR	01-APR-76	30-APR-76	2	40000	
S-54	BOULDER	01-APR-76	30-APR-76	2	41000	
S-55	LAFAYETTE	01-APR-76	30-APR-76	2	39000	
S-56	BROOMFIELD	01-APR-76	30-APR-76	2	39000	
S-57	WALNUT CREEK	01-APR-76	30-APR-76	2	41000	
S-58	WAGNER	01-APR-76	30-APR-76	2	37000	
S-59	LEYDEN	01-APR-76	30-APR-76	2	37000	
S-60	WESTMINSTER	01-APR-76	30-APR-76	2	38000	
S-61	DENVER	01-APR-76	30-APR-76	2	34000	
S-62	GOLDEN	01-APR-76	30-APR-76	2	39000	
S-51	MARSHALL	01-MAY-76	31-MAY-76	2	33000	
S-52	JEFFCO AIRPORT	01-MAY-76	31-MAY-76	2	38000	
S-53	SUPERIOR	01-MAY-76	31-MAY-76	2	30000	
S-54	BOULDER	01-MAY-76	31-MAY-76	2	41000	
S-55	LAFAYETTE	01-MAY-76	31-MAY-76	2	30000	
S-56	BROOMFIELD	01-MAY-76	31-MAY-76	2	39000	
S-57	WALNUT CREEK	01-MAY-76	31-MAY-76	2	41000	
S-58	WAGNER	01-MAY-76	31-MAY-76	2	39000	
S-59	LEYDEN	01-MAY-76	31-MAY-76	1	9000	
S-60	WESTMINSTER	01-MAY-76	31-MAY-76	2	39000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1976

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	0.000007			01	76
S-53	0.000010			01	76
S-54	0.000005			01	76
S-55	0.000028			01	76
S-56	0.000012			01	76
S-57	0.000011			01	76
S-58	0.000006			01	76
S-59	0.000020			01	76
S-60	0.000018			01	76
S-61	0.000016			01	76
S-62	0.000008			01	76
S-51	0.000010			02	76
S-53	0.000008			02	76
S-54	0.000008			02	76
S-55	0.000012			02	76
S-56	0.000012			02	76
S-57	0.000009			02	76
S-58	0.000015			02	76
S-59	0.000011			02	76
S-60	0.000010			02	76
S-61	0.000015			02	76
S-62	0.000016			02	76
S-51	0.000011			03	76
S-53	0.000016			03	76
S-54	0.000011			03	76
S-55	0.000014			03	76
S-56	0.000015			03	76
S-57	0.000012			03	76
S-58	0.000020			03	76
S-59	0.000012			03	76
S-60	0.000016			03	76
S-61	0.000019			03	76
S-62	0.000015			03	76
S-51	0.000011			04	76
S-53	0.000013			04	76
S-54	0.000013			04	76
S-55	0.000031			04	76
S-56	0.000015			04	76
S-57	0.000015			04	76
S-58	0.000018			04	76
S-59	0.000017			04	76
S-60	0.000011			04	76
S-61	0.000015			04	76
S-62	0.000016			04	76
S-51	0.000013			05	76
S-52	0.000014			05	76
S-53	0.000013			05	76
S-54	0.000017			05	76
S-55	0.000012			05	76
S-56	0.000010			05	76
S-57	0.000011			05	76
S-58	0.000015			05	76
S-59	0.000004			05	76
S-60	0.000013			05	76

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1976

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m³)	LCL (pCi/m³)
S-61	DENVER	01-MAY-76	31-MAY-76	2	34000	
S-62	GOLDEN	01-MAY-76	31-MAY-76	2	40000	
S-51	MARSHALL	01-JUN-76	30-JUN-76	2	35000	
S-52	JEFFCO AIRPORT	01-JUN-76	30-JUN-76	2	36000	
S-53	SUPERIOR	01-JUN-76	30-JUN-76	2	39000	
S-54	BOULDER	01-JUN-76	30-JUN-76	2	41000	
S-55	LAFAYETTE	01-JUN-76	30-JUN-76	1	19000	
S-56	BROOMFIELD	01-JUN-76	30-JUN-76	1	19000	
S-57	WALNUT CREEK	01-JUN-76	30-JUN-76	1	20000	
S-58	WAGNER	01-JUN-76	30-JUN-76	2	36000	
S-59	LEYDEN	01-JUN-76	30-JUN-76	0		
S-60	WESTMINSTER	01-JUN-76	30-JUN-76	2	36000	
S-61	DENVER	01-JUN-76	30-JUN-76	2	33000	
S-62	GOLDEN	01-JUN-76	30-JUN-76	2	40000	
S-51	MARSHALL	01-JUL-76	31-JUL-76	2	35000	
S-52	JEFFCO AIRPORT	01-JUL-76	31-JUL-76	2	37000	
S-53	SUPERIOR	01-JUL-76	31-JUL-76	2	37000	
S-54	BOULDER	01-JUL-76	31-JUL-76	2	40000	
S-55	LAFAYETTE	01-JUL-76	31-JUL-76	1	20000	
S-56	BROOMFIELD	01-JUL-76	31-JUL-76	2	38000	
S-57	WALNUT CREEK	01-JUL-76	31-JUL-76	2	40000	
S-58	WAGNER	01-JUL-76	31-JUL-76	2	37000	
S-59	LEYDEN	01-JUL-76	31-JUL-76	1	24000	
S-60	WESTMINSTER	01-JUL-76	31-JUL-76	2	37000	
S-61	DENVER	01-JUL-76	31-JUL-76	2	36000	
S-62	GOLDEN	01-JUL-76	31-JUL-76	2	39000	
S-51	MARSHALL	01-AUG-76	31-AUG-76	2	35000	
S-52	JEFFCO AIRPORT	01-AUG-76	31-AUG-76	2	36000	
S-53	SUPERIOR	01-AUG-76	31-AUG-76	2	37000	
S-54	BOULDER	01-AUG-76	31-AUG-76	2	40000	
S-55	LAFAYETTE	01-AUG-76	31-AUG-76	2	39000	
S-56	BROOMFIELD	01-AUG-76	31-AUG-76	2	38000	
S-57	WALNUT CREEK	01-AUG-76	31-AUG-76	2	40333	
S-58	WAGNER	01-AUG-76	31-AUG-76	2	35000	
S-59	LEYDEN	01-AUG-76	31-AUG-76	2	34000	
S-60	WESTMINSTER	01-AUG-76	31-AUG-76	2	37000	
S-61	DENVER	01-AUG-76	31-AUG-76	1	17000	
S-62	GOLDEN	01-AUG-76	31-AUG-76	2	39000	
S-51	MARSHALL	01-SEP-76	30-SEP-76	2	33000	
S-52	JEFFCO AIRPORT	01-SEP-76	30-SEP-76	2	37000	
S-53	SUPERIOR	01-SEP-76	30-SEP-76	2	37000	
S-54	BOULDER	01-SEP-76	30-SEP-76	2	39000	
S-55	LAFAYETTE	01-SEP-76	30-SEP-76	2	28000	
S-56	BROOMFIELD	01-SEP-76	30-SEP-76	2	38000	
S-57	WALNUT CREEK	01-SEP-76	30-SEP-76	2	39000	
S-58	WAGNER	01-SEP-76	30-SEP-76	2	37000	
S-59	LEYDEN	01-SEP-76	30-SEP-76	2	33000	
S-60	WESTMINSTER	01-SEP-76	30-SEP-76	2	37000	
S-61	DENVER	01-SEP-76	30-SEP-76	0		
S-62	GOLDEN	01-SEP-76	30-SEP-76	2	19001	
S-51	MARSHALL	01-OCT-76	31-OCT-76	2	36000	
S-52	JEFFCO AIRPORT	01-OCT-76	31-OCT-76	2	39000	
S-53	SUPERIOR	01-OCT-76	31-OCT-76	1	20000	
S-54	BOULDER	01-OCT-76	31-OCT-76	2	42000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1976

LOCATION	PT _{EST} CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-61	0.000011			05	76
S-62	0.000014			05	76
S-51	0.000013			06	76
S-52	0.000016			06	76
S-53	0.000015			06	76
S-54	0.000010			06	76
S-55	0.000015			06	76
S-56	0.000008			06	76
S-57	0.000008			06	76
S-58	0.000011			06	76
S-59				06	76
S-60	0.000014			06	76
S-61	0.000009			06	76
S-62	0.000013			06	76
S-51	0.000012			07	76
S-52	0.000010			07	76
S-53	0.000013			07	76
S-54	0.000008			07	76
S-55	0.000011			07	76
S-56	0.000015			07	76
S-57	0.000011			07	76
S-58	0.000017			07	76
S-59	0.000007			07	76
S-60	0.000011			07	76
S-61	0.000073			07	76
S-62	0.000009			07	76
S-51	0.000006			08	76
S-52	0.000007			08	76
S-53	0.000005			08	76
S-54	0.000004			08	76
S-55	0.000007			08	76
S-56	0.000006			08	76
S-57	0.000006			08	76
S-58	0.000008			08	76
S-59	0.000029			08	76
S-60	0.000005			08	76
S-61	0.000021			08	76
S-62	0.000003			08	76
S-51	0.000005			09	76
S-52	0.000015			09	76
S-53	0.000004			09	76
S-54	0.000011			09	76
S-55	0.000017			09	76
S-56	0.000010			09	76
S-57	0.000015			09	76
S-58	0.000008			09	76
S-59	0.000018			09	76
S-60	0.000005			09	76
S-61				09	76
S-62	0.000005			09	76
S-51	0.000007			10	76
S-52	0.000004			10	76
S-53	0.000003			10	76
S-54	0.000026			10	76

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1976

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-55	LAFAYETTE	01-OCT-76	31-OCT-76	2	49000	
S-56	BROOMFIELD	01-OCT-76	31-OCT-76	2	40000	
S-57	WALNUT CREEK	01-OCT-76	31-OCT-76	2	31000	
S-58	WAGNER	01-OCT-76	31-OCT-76	2	37000	
S-59	LEYDEN	01-OCT-76	31-OCT-76	2	35000	
S-60	WESTMINSTER	01-OCT-76	31-OCT-76	2	39000	
S-61	DENVER	01-OCT-76	31-OCT-76	2	25000	
S-62	GOLDEN	01-OCT-76	31-OCT-76	2	40000	
S-51	MARSHALL	01-NOV-76	30-NOV-76	3		
S-52	JEFFCO AIRPORT	01-NOV-76	30-NOV-76	3		
S-53	SUPERIOR	01-NOV-76	30-NOV-76	2		
S-54	BOULDER	01-NOV-76	30-NOV-76	3		
S-55	LAFAYETTE	01-NOV-76	30-NOV-76	2		
S-56	BROOMFIELD	01-NOV-76	30-NOV-76	3		
S-57	WALNUT CREEK	01-NOV-76	30-NOV-76	3		
S-58	WAGNER	01-NOV-76	30-NOV-76	3		
S-59	LEYDEN	01-NOV-76	30-NOV-76	2		
S-60	WESTMINSTER	01-NOV-76	30-NOV-76	3		
S-61	DENVER	01-NOV-76	30-NOV-76	3		
S-62	GOLDEN	01-NOV-76	30-NOV-76	3		
S-51	MARSHALL	01-DEC-76	31-DEC-76	3		
S-52	JEFFCO AIRPORT	01-DEC-76	31-DEC-76	3		
S-53	SUPERIOR	01-DEC-76	31-DEC-76	3		
S-54	BOULDER	01-DEC-76	31-DEC-76	3		
S-55	LAFAYETTE	01-DEC-76	31-DEC-76	3		
S-56	BROOMFIELD	01-DEC-76	31-DEC-76	3		
S-57	WALNUT CREEK	01-DEC-76	31-DEC-76	1		
S-58	WAGNER	01-DEC-76	31-DEC-76	3		
S-59	LEYDEN	01-DEC-76	31-DEC-76	1		
S-60	WESTMINSTER	01-DEC-76	31-DEC-76	3		
S-61	DENVER	01-DEC-76	31-DEC-76	3		
S-62	GOLDEN	01-DEC-76	31-DEC-76	3		

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1976

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-55	0.000005			10	76
S-56	0.000004			10	76
S-57	0.000008			10	76
S-58	0.000008			10	76
S-59	0.000009			10	76
S-60	0.000003			10	76
S-61	0.000037			10	76
S-62	0.000008			10	76
S-51	0.000022			11	76
S-52	0.000019			11	76
S-53	0.000017			11	76
S-54	0.000015			11	76
S-55	0.000008			11	76
S-56	0.000022			11	76
S-57	0.000017			11	76
S-58	0.000017			11	76
S-59	0.000022			11	76
S-60	0.000017			11	76
S-61	0.000014			11	76
S-62	0.000011			11	76
S-51	0.000020			12	76
S-52	0.000011			12	76
S-53	0.000029			12	76
S-54	0.000013			12	76
S-55	0.000011			12	76
S-56	0.000011			12	76
S-57	0.000008			12	76
S-58	0.000010			12	76
S-59	0.000007			12	76
S-60	0.000009			12	76
S-61	0.000011			12	76
S-62	0.000009			12	76

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1977

LOCATION	COMMUNITY NAME	DATE ON	DATE OFF	N	VOLUME (m ³)	LCL (pCi/m ³)
S-51	MARSHALL	01-JAN-77	31-JAN-77	2		
S-52	JEFFCO AIRPORT	01-JAN-77	31-JAN-77	2		
S-53	SUPERIOR	01-JAN-77	31-JAN-77	2		
S-54	BOULDER	01-JAN-77	31-JAN-77	2		
S-55	LAFAYETTE	01-JAN-77	31-JAN-77	2		
S-56	BROOMFIELD	01-JAN-77	31-JAN-77	2		
S-57	WALNUT CREEK	01-JAN-77	31-JAN-77	2		
S-58	WAGNER	01-JAN-77	31-JAN-77	2		
S-59	LEYDEN	01-JAN-77	31-JAN-77	1		
S-60	WESTMINSTER	01-JAN-77	31-JAN-77	2		
S-61	DENVER	01-JAN-77	31-JAN-77	2		
S-62	GOLDEN	01-JAN-77	31-JAN-77	2		
S-51	MARSHALL	01-FEB-77	28-FEB-77	2		
S-52	JEFFCO AIRPORT	01-FEB-77	28-FEB-77	2		
S-53	SUPERIOR	01-FEB-77	28-FEB-77	2		
S-54	BOULDER	01-FEB-77	28-FEB-77	0		
S-55	LAFAYETTE	01-FEB-77	28-FEB-77	2		
S-56	BROOMFIELD	01-FEB-77	28-FEB-77	2		
S-57	WALNUT CREEK	01-FEB-77	28-FEB-77	2		
S-58	WAGNER	01-FEB-77	28-FEB-77	2		
S-59	LEYDEN	01-FEB-77	28-FEB-77	2		
S-60	WESTMINSTER	01-FEB-77	28-FEB-77	2		
S-61	DENVER	01-FEB-77	28-FEB-77	2		
S-62	GOLDEN	01-FEB-77	28-FEB-77	2		
S-51	MARSHALL	01-MAR-77	31-MAR-77	2		
S-52	JEFFCO AIRPORT	01-MAR-77	31-MAR-77	2		
S-53	SUPERIOR	01-MAR-77	31-MAR-77	2		
S-54	BOULDER	01-MAR-77	31-MAR-77	1		
S-55	LAFAYETTE	01-MAR-77	31-MAR-77	2		
S-56	BROOMFIELD	01-MAR-77	31-MAR-77	2		
S-57	WALNUT CREEK	01-MAR-77	31-MAR-77	2		
S-58	WAGNER	01-MAR-77	31-MAR-77	2		
S-59	LEYDEN	01-MAR-77	31-MAR-77	1		
S-60	WESTMINSTER	01-MAR-77	31-MAR-77	2		
S-61	DENVER	01-MAR-77	31-MAR-77	2		
S-62	GOLDEN	01-MAR-77	31-MAR-77	2		
S-51	MARSHALL	01-APR-77	30-APR-77	2	34000	
S-52	JEFFCO AIRPORT	01-APR-77	30-APR-77	2	37000	
S-53	SUPERIOR	01-APR-77	30-APR-77	2	36000	
S-54	BOULDER	01-APR-77	30-APR-77	2	38000	
S-55	LAFAYETTE	01-APR-77	30-APR-77	2	36000	
S-56	BROOMFIELD	01-APR-77	30-APR-77	2	38000	
S-57	WALNUT CREEK	01-APR-77	30-APR-77	2	37000	
S-58	WAGNER	01-APR-77	30-APR-77	2	36000	
S-59	LEYDEN	01-APR-77	30-APR-77	2	34000	
S-60	WESTMINSTER	01-APR-77	30-APR-77	2	34000	
S-61	DENVER	01-APR-77	30-APR-77	2	30000	
S-62	GOLDEN	01-APR-77	30-APR-77	2	34000	
S-51	MARSHALL	01-MAY-77	31-MAY-77	2	33000	
S-52	JEFFCO AIRPORT	01-MAY-77	31-MAY-77	2	35000	
S-53	SUPERIOR	01-MAY-77	31-MAY-77	1	18000	
S-54	BOULDER	01-MAY-77	31-MAY-77	2	36000	
S-55	LAFAYETTE	01-MAY-77	31-MAY-77	2	38000	
S-56	BROOMFIELD	01-MAY-77	31-MAY-77	1	18000	

PLUTONIUM IN COMMUNITY AMBIENT AIR - 1977

LOCATION	PT EST CONC. (pCi/m ³)	UCL (pCi/m ³)	ERROR (pCi/m ³)	MONTH	YEAR
S-51	0.000006			01	77
S-52	0.000005			01	77
S-53	0.000008			01	77
S-54	0.000005			01	77
S-55	0.000007			01	77
S-56	0.000006			01	77
S-57	0.000005			01	77
S-58	0.000009			01	77
S-59	0.000004			01	77
S-60	0.000007			01	77
S-61	0.000006			01	77
S-62	0.000005			01	77
S-51	0.000008			02	77
S-52	0.000007			02	77
S-53	0.000007			02	77
S-54				02	77
S-55	0.000006			02	77
S-56	0.000006			02	77
S-57	0.000006			02	77
S-58	0.000011			02	77
S-59	0.000009			02	77
S-60	0.000006			02	77
S-61	0.000239			02	77
S-62	0.000010			02	77
S-51	0.000015			03	77
S-52	0.000016			03	77
S-53	0.000023			03	77
S-54	0.000022			03	77
S-55	0.000020			03	77
S-56	0.000015			03	77
S-57	0.000017			03	77
S-58	0.000019			03	77
S-59	0.000010			03	77
S-60	0.000007			03	77
S-61	0.000026			03	77
S-62	0.000018			03	77
S-51	0.000025			04	77
S-52	0.000023			04	77
S-53	0.000027			04	77
S-54	0.000023			04	77
S-55	0.000029			04	77
S-56	0.000019			04	77
S-57	0.000024			04	77
S-58	0.000020			04	77
S-59	0.000021			04	77
S-60	0.000015			04	77
S-61	0.000025			04	77
S-62	0.000021			04	77
S-51	0.000049			05	77
S-52	0.000053			05	77
S-53	0.000065			05	77
S-54	0.000067			05	77
S-55	0.000047			05	77
S-56	0.000036			05	77